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ACCOUNTABILITY REPORT FOR VOCATIONAL EDUCATION

FISCAL YEAR 1978

STATE BOARD OF EDUCATION

RALEIGH, NORTH CAROLINA

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b. Reform the Method of Curriculum Development for Vocational Education		
c. Reform the Organization and the Capability of the State to Provide Qualified Personnel for Vocational Education		

CERTIFICATIONS

All certifications required for the FY 1978 Accountability Report are included in the FY 1980 Annual State Plan, and they apply to both the FY 1980 Plan and FY 1978 Accountability Report which are developed and submitted simultaneously.

These certifications are:

Certification by State Board - Adoption of Plan

Certification by Attorney General

Certification by State Board

Non Delegation of Responsibilities

Notification to Eligible Recipients to Establish Advisory Councils

Representatives Required in Section 107 Were Afforded Opportunity

To Be Involved

Section 107 Representatives Met

Certification From Office of Sex Equity

Certification of The State Advisory Council

Certification of Public Hearing

Certification by Members of State Plan Group (Sec. 107)

THE FY 1978 ACCOUNTABILITY REPORT

The purpose of the FY 1978 Accountability Report is to show the extent to which the State has achieved the goals and objectives as included in the Annual State Plan for Vocational Education for 1978.

This introductory section of the Accountability Report describes in brief outline form the sequence and content of the components of the Accountability Report. The sequence will follow generally the outline of the FY 1978 Plan, with approximate tables for comparisons and sufficient narrative to describe those comparisons.

1. One requirement of the Act is to include in the Annual Plan those goals of the State which should be established to meet employment needs. The description of those goals were in terms of four elements:
 - a. The programs to be offered in terms of Office of Education 6-digit codes. A "program" in this context consists of a planned sequence of courses or activities to meet an occupational objective.
 - b. The projected enrollments for FY 1978 in these programs.
 - c. The allocation of responsibility for offering the programs among secondary, post-secondary, and adult levels of education and among the various institutions.
 - d. The estimated allocations of Federal, State, and local funds to support the enrollments in the programs planned at secondary, post-secondary, and adult levels. Table 12 of the FY 1978 Plan was designed to portray the State's numerical goals to meet employment needs to terms of the four elements previously described. Table 1 of the Accountability Report relates to Table 12 of the FY 1978 Plan and shows the extent to which the numerical goals of enrollment, completers, and funding were achieved. Table 1 includes those programs designed for skill development.
2. Table 1 continued describes in narrative form the deviations, summary, and implications for policy or changes, of the difference between projected and actual enrollment and funding.
3. Table 2 compares projected enrollment and funding for Consumer and Homemaking for 1978 to actual enrollments and funding.

4. Tables 3, 4, 5 and 6 compare estimated Federal funding by Purpose of the Act, with the estimated State and local matching funding, to the actual funding for 1978. One table each is shown for secondary, post-secondary, and adult levels. Tables 3 and 4 are related to Tables 14a, b, and c in the Five Year Plan.
5. Table 7 shows the State's maintenance of effort by showing expenditures for 1977 and expenditures for 1978.
6. Table 8 shows minimum percentages of basic grant.
7. Table 9 compares estimated allotments of months of employment to actual allotments for months of employment for 1977-78 -- secondary.
8. Table 10 compares estimated allotments of set-aside funds to actual allotments of set-aside funds for 1977-78 -- secondary.
9. Table 11 indicates the projected and actual funding to post-secondary institutions.
10. Summary of Evaluations.
11. The State Board response to recommendations of the State Advisory Council.
 - a. Reform the method of funding vocational education;
 - b. Reform the method of curriculum development for vocational education; and
 - c. Reform the organization and the capability of the State to provide qualified personnel for vocational education.

GOALS TO MEET EMPLOYMENT NEEDS - ENROLLMENT AND FUNDING

In the State Plan for Vocational Education, program enrollment and funding is detailed to show the program areas in which job skill training was provided to meet employment needs.

Vocational Education programs are offered at the secondary, post-secondary and adult levels. Because of the reporting system, enrollment in the one and two year vocational skill development programs in the post-secondary institutions are included in this report with the adult enrollment. In the FY 1978 State Plan these enrollments were projected on the post-secondary line and designated as vocational.

It is intended that the data portray, as accurately as possible, the projected job openings, the enrollments, completions and the funds required to provide the training. Economic conditions have varied since the employment data was projected. Nationally, and within the State, unemployment levels have dropped; therefore, more job openings have been created. It would be a mistake to accept the projected job opening data as an absolute value. The unemployment rate for North Carolina in June 1977 was 6.1 percent and by June 1978 it had dropped to 4.5 percent. This produces a net increase of individuals employed by 87,900. New and expanding industry within the State created demands for workers, which was not reflected in the projected job openings data. The end result is that there were more job openings than what was projected for FY 1978. The Bureau of Employment Security Research is planning to publish up-dated data later this year.

Table 1 consists, basically of two major components, projections made during development of the FY 1978 Plan and results or actual performance according to available data.

Table 1 is presented in such a format that the reader may compare, by program area, projected enrollments and completions with actual enrollments and completions on the left page, while comparing projected costs with actual costs on the right hand page. Program areas will be identical for each page.

Following Table 1 is a discussion of reasons for deviation from what was projected and a summary and implications for changes in policy. An additional breakdown of data is included to show the enrollment of special groups that have been served.

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(a)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj.	Act.	C	T	C	Projected	Actual	Difference	Projected	Actual	Difference
	01.0100	Agricultural Production	2,351	Sec.						819	1,695	+876	203	526	+323
				P-Sec.	X	X	X	X	X	3,141	2,714	-427	450	418	-32
				Adult	X	X	X	X	X	725	472	-253	100	279	+179
	01.0200	Agricultural Supplies/Services	199	Sec.						263	157	-106	104	93	-11
				P-Sec.	X	X	X	X	X	31	2	-29	25	1	-24
				Adult	X	X	X	X	X	0	9	+9	0	8	+8
	01.0300	Agricultural Mechanics	462	Sec.						8,688	6,371	-2,317	336	1,606	+1,270
				P-Sec.	X	X	X	X	X	55	69	+14	20	12	-8
				Adult	X	X	X	X	X	300	180	-120	30	41	+11
	01.0400	Agricultural Products	946	Sec.						342	471	+129	85	180	+95
				P-Sec.	X	X	X	X	X	20	24	+4	15	5	-10
				Adult	X	X	X	X	X	300	709	+409	40	111	+71
	01.0500	Ornamental Horticulture	1,007	Sec.						5,554	5,211	-343	833	2,060	+1,227
				P-Sec.	X	X	X	X	X	390	395	+5	145	130	-15
				Adult	X	X	X	X	X	1,500	1,742	+242	100	248	+148
	01.0600	Agricultural Resources	276	Sec.						1,108	986	-122	174	388	+214
				P-Sec.	X	X	X	X	X	290	287	-3	90	76	-14
				Adult	X	X	X	X	X	50	72	+22	10	20	+10
	01.0700	Forestry	909	Sec.						1,402	1,147	-255	277	477	+200
				P-Sec.	X	X	X	X	X	350	330	-20	125	105	-20
				Adult											
	01.9900	Other Vet. Med. Animal Science	107	Sec.						9,322	9,384	+62	0	0	0
				P-Sec.	X	X	X	X	X	120	131	+11	40	36	-4
				Adult	X	X	X	X	X	400	309	-91	35	15	-20

AGRICULTURE 01.00

TABLE: 1(a) cont'd

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
	01.0100	Agricultural Production	Sec.	\$	\$ 132,209	\$ 54,001	\$	\$ 302,295	\$ 114,396
			P-Sec.	12,948	1,636,573	212,693		1,319,632	191,480
			Adult		34,334	4,336	14,272	29,970	7,796
	01.0200	Agricultural Supplies/Services	Sec.		42,420	17,326		28,000	10,596
			P-Sec.		16,152	2,099		6,321	142
			Adult		0	0		14,898	148
	01.0300	Agricultural Mechanics	Sec.		1,402,587	572,885		1,139,806	431,430
			P-Sec.		28,656	3,724		33,550	4,868
			Adult		14,207	1,794		11,430	2,973
	01.0400	Agricultural Products	Sec.		55,247	22,566		84,000	31,788
			P-Sec.		10,420	1,355		11,670	1,693
			Adult		14,207	1,794		45,020	11,710
	01.0500	Ornamental Horticulture	Sec.		896,678	366,247		929,357	351,690
			P-Sec.	39,358	203,196	26,408	43,382	192,061	27,868
			Adult		71,036	8,970		196,753	28,772
	01.0600	Agricultural Resources	Sec.		178,871	73,060		175,848	66,545
			P-Sec.		151,095	19,637		139,548	20,249
			Adult		2,368	299		39,182	1,189
	01.0700	Forestry	Sec.		226,341	92,449		204,562	77,411
			P-Sec.	3,800	182,356	23,701	4,188	160,456	23,282
			Adult						
	01.9900	Other Vet. Med. Animal Science	Sec.		1,505,001	614,715		1,673,591	633,326
			P-Sec.	7,760	62,522	8,126	8,553	58,348	9,242
			Adult		18,944	2,392		19,621	5,103

AGRICULTURE 01.00

TABLE: 1(b)

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj. Act.					Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T	C						
AGRI. 01.00		SUBTOTAL		Sec.						27,498	25,422	-2,076	2,012	5,330	+3,318
		AGRICULTURE		P-Sec.	X	X	X	X	X	4,397	3,952	-445	910	783	-127
			6,257	Adult	X	X	X	X	X	3,275	3,493	+218	315	722	+407
				Sec.						496	464	-32	303	197	-106
	04.0100	Advertising		P-Sec.	X		X			141	60	-81	60	23	-37
04.0200			524	Adult	X	X	X	X	X	1,775	869	-906	80	278	+198
		Apparel and Accessories		Sec.						1,546	1,412	-134	993	779	-214
				P-Sec.		X		X		70	136	+66	25	28	+3
			1,238	Adult											
	04.0300	Automotive		Sec.						313	223	-90	213	122	-91
04.0400			1,781	P-Sec.											
				Adult											
		Finance and Credit		Sec.						100	84	-16	77	54	-23
				P-Sec.	X	X	X	X	X	400	483	+83	200	41	-159
			879	Adult	X	X	X	X	X	2,000	2,678	+678	300	907	+607
04.0500		Floristry		Sec.						57	39	-18	36	27	-9
				P-Sec.		X		X		65	69	+4	30	12	-18
			99	Adult											
				Sec.						1,387	1,503	+116	986	896	-90
	04.0600	Food Distribution		P-Sec.											
04.0700			3,888	Adult											
				Sec.						1,349	1,611	+262	745	948	+203
		Food Services		P-Sec.	X	X	X	X	X	50	163	+113	20	1	-19
			1,540	Adult	X	X	X	X	X	9,000	11,500	+2,500	700	2,313	+1,613

DISTRIBUTION AND MARKETING 04.00

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(b) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
AGRI 01.00		SUBTOTAL AGRICULTURE	Sec.	\$	\$ 4,439,354	\$1,813,249	\$	\$ 4,537,459	\$1,717,182
			P-Sec.	63,866	2,290,970	297,743	70,395	1,921,586	278,824
			Adult		155,096	19,585		356,874	57,691
		Advertising	Sec.	28,366	74,596	42,052	26,128	71,818	38,480
	04.0100		P-Sec.	\$ 2,750	\$ 73,463	\$ 9,548	\$ 3,032	\$ 29,174	\$ 4,233
			Adult		84,060	10,615		61,276	14,353
		Apparel and Accessories	Sec.	88,433	232,561	131,102	79,527	218,549	117,097
	04.0200		P-Sec.	2,800	36,471	4,740	3,086	66,127	9,595
			Adult						
		Automotive	Sec.	19,905	45,088	26,545	12,557	34,516	18,493
DISTRIBUTION AND MARKETING 04.00	04.0300		P-Sec.						
			Adult						
		Finance and Credit	Sec.	5,710	15,018	8,466	4,730	13,002	6,966
	04.0400		P-Sec.		208,407	27,086		234,850	34,077
			Adult		94,715	11,960		188,834	44,230
		Floristry	Sec.	3,256	8,561	4,826	2,196	6,036	3,234
	04.0500		P-Sec.		33,866	4,401		33,550	4,868
			Adult						
		Food Distribution	Sec.	84,334	203,631	117,612	84,634	232,634	124,644
	04.0600		P-Sec.						
			Adult						
		Food Services	Sec.	82,172	197,947	114,408	90,715	249,351	133,600
	04.0700		P-Sec.		26,051	3,386		79,256	11,500
			Adult		426,218	53,821		810,900	189,935

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(c)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj. Act.				Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T						
	04.0800	General Merchandise		Sec.					3,480	3,578	+98	1,834	1,476	-358
				P-Sec.										
	04.0900	Hardware, Building Materials	4,138	Adult	X	X	X	X	1,500	857	-643	200	401	+201
				Sec.					180	158	-22	108	96	-12
				P-Sec.										
	04.1000	Home Furnishings	1,021	Adult										
				Sec.					79	69	-10	48	34	-14
				P-Sec.		X			35	0	-35	15	0	-15
			660	Adult										
	04.1100	Hotel and Lodging		Sec.					37	41	+4	30	26	-4
				P-Sec.	X	X	X	X	200	175	-25	75	19	-56
			299	Adult										
	04.1200	Industrial Marketing		Sec.					158	198	+40	111	106	-5
				P-Sec.										
			786	Adult										
	04.1300	Insurance		Sec.					24	18	-6	18	13	-5
				P-Sec.		X		X	40	49	+9	25	0	-25
			1,367	Adult	X	X	X	X	850	754	-96	100	278	+178
	04.1500	Personal Services		Sec.					406	410	+4	198	261	+63
				P-Sec.										
			449	Adult										
	04.1600	Petroleum		Sec.					69	74	+5	42	46	+4
				P-Sec.										
			1,795	Adult										

DISTRIBUTION AND MARKETING 04.00

TABLE: 1(c) cont'd

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
	04.0800	General Merchandise	Sec.	\$ 209,068	\$ 513,508	\$ 295,118	\$ 201,477	\$ 553,803	\$ 296,724
			P-Sec.						
			Adult		71,036	8,970		60,430	14,154
	04.0900	Hardware, Building Materials	Sec.	13,300	24,088	15,270	8,897	24,455	13,103
			P-Sec.						
			Adult						
	04.1000	Home Furnishings	Sec.	4,509	11,860	6,686	3,885	10,680	5,722
			P-Sec.		18,236	2,370		0	0
			Adult						
	04.1100	Hotel and Lodging	Sec.	2,107	5,545	3,125	2,309	6,345	3,400
			P-Sec.		104,203	13,543		85,090	12,347
			Adult						
	04.1200	Industrial Marketing	Sec.	10,046	22,790	13,411	11,149	30,646	16,420
			P-Sec.						
			Adult						
	04.1300	Insurance	Sec.	2,069	2,871	2,018	1,014	2,786	1,493
			P-Sec.		20,841	2,709		23,825	3,457
			Adult		40,254	5,083		53,167	12,453
	04.1500	Personal Services	Sec.	23,216	61,052	34,417	23,087	63,460	34,001
			P-Sec.						
			Adult						
	04.1600	Petroleum	Sec.	3,949	10,386	5,855	4,167	11,454	6,137
			P-Sec.						
			Adult						

DISTRIBUTION AND MARKETING 04.00

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(d)

[illegible]

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

TABLE: 1(d) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
DISTRIBUTION AND MARKETING 04.00	04.1700	Real Estate	Sec.	\$ 1,254	\$ 3,298	\$ 1,859	\$ 1,183	\$ 3,230	\$ 1,742
			P-Sec.		364,712	47,401		531,937	77,184
			Adult		189,430	23,920		477,585	111,864
	04.1800	Recreation and Tourism	Sec.	5,951	15,649	8,822	6,419	17,645	9,454
			P-Sec.		98,993	12,866		84,604	12,276
			Adult						
	04.1900	Transportation	Sec.	8,459	22,246	12,541	9,404	25,848	13,849
			P-Sec.	8,035	208,407	27,086	8,856	107,457	15,592
			Adult		47,357	5,981		38,922	9,117
	04.2000	Retail Trade, Other	Sec.	0	476,745	194,714	0	239,755	128,428
			P-Sec.	20,941	221,431	28,778	23,082	270,832	39,298
			Adult						
HEALTH 07.00	04.3100	Wholesale Trade, Other	Sec.						
			P-Sec.						
			Adult						
		SUBTOTAL DISTRIBUTION & MARKETING	Sec.	596,104	1,947,440	1,038,847	573,478	1,816,013	972,987
			P-Sec.	\$ 34,526	\$ 1,415,081	\$ 183,914	\$ 38,056	\$ 1,546,702	\$ 224,427
			Adult		\$ 953,070	\$ 120,350		\$ 1,691,114	\$ 396,106
	07.0101	Dental Assistant	Sec.	1,882	4,224	2,494	1,565	4,158	1,470
			P-Sec.	\$ 36,741	\$ 166,725	\$ 21,669	\$ 40,952	\$ 205,868	\$ 6,493
			Adult						
	07.0102	Dental Hygienist (AAS Degree)	Sec.						
			P-Sec.	60,535	182,356	23,700	66,724	173,968	25,243
			Adult						

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

TABLE: 1(e)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj. Act.				Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T						
	07.0103	Dental Laboratory Technology	51	Sec.										
				P-Sec.	X		X		70	81	+11	25	25	0
				Adult										
	07.0203	Medical Laboratory Technician		Sec.										
			434	P-Sec.	X	X	X	X	350	188	-162	125	32	-93
				Adult			X		0	122	+122	0	40	+40
				Sec.										
	07.0301	Nursing (AAS Degree)		P-Sec.	X	X	X	X	2,500	2,683	+183	650	736	+86
			4,211	Adult	X	X	X	X	1,350	472	-878	0	19	+19
				Sec.										
	07.0302	Practical (Voc.) Nurse		P-Sec. Voc.					200	196	-4	0	0	0
			1,365	Adult	X	X	X	X	2,700	2,629	-71	850	829	-21
				Sec.					155	98	-57	110	75	-35
				P-Sec.										
	07.0305	Surgical Technology	1,508	Adult	X	X	X	X	15,625	29,372	+13,747	1,000	6,849	+5,849
				Sec.										
				P-Sec.										
	07.0402	Physical Therapy	116	Adult	X	X	X	X	140	175	+35	70	56	-14
				Sec.										
			129	P-Sec.	X	X	X	X	400	428	+28	100	102	+2
				Adult										
	07.0499	Other Rehabilitation		Sec.										
			30	P-Sec.			X	X	45	139	+94	25	5	-20
				Adult				X	0	18	+18	0	9	+9

HEALTH 07.00

TABLE: 1(e) cont'd

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
	07.0103	Dental Laboratory Technology	Sec.	\$	\$	\$	\$	\$	
			P-Sec.		36,471	4,740		39,252	5,695
			Adult						
	07.0203	Medical Laboratory Technician	Sec.						
			P-Sec.	18,075	182,356	23,700	19,923	91,103	13,219
			Adult		0	0		66,392	2,016
	07.0301	Nursing (AAS Degree)	Sec.						
			P-Sec.	307,928	1,302,541	169,288	339,408	1,290,155	188,653
			Adult		63,933	8,073		29,971	7,799
	07.0302	Practical (Voc.) Nurse	Sec.						
			P-Sec.		9,472	1,196		94,980	13,782
			Adult	169,361	1,406,745	182,831	188,773	1,430,686	43,438
	07.0303	Nursing Assistant (Aide)	Sec.	8,041	20,455	11,639	8,072	21,447	7,580
			P-Sec.						
			Adult	15,717	1,035,998	132,024	17,518	2,225,582	485,304
	07.0305	Surgical Technology	Sec.						
			P-Sec.						
			Adult	19,111	72,942	9,480	21,302	95,234	2,891
	07.0402	Physical Therapy	Sec.						
			P-Sec.	11,167	208,407	27,086	12,309	207,405	30,095
			Adult						
	07.0499	Other Rehabilitation	Sec.						
			P-Sec.		23,446	3,047		67,358	9,774
			Adult		0	0		17,795	298

HEALTH 07.00

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(f)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj.	Act.	Proj.	Act.	Proj.	Act.	Difference	Projected	Actual	Difference
					C	T	C	T						
	07.0501	Radiologic Technology	133	Sec.	X	X	X	X						
				P-Sec.					300	391	+91	90	89	-1
				Adult										
	07.0503	Nuclear Medical Technology	12	Sec.										
				P-Sec.	X		X		35	38	+3	12	14	+2
				Adult										
	07.0600	Ophthalmic		Sec.										
				P-Sec.	X		X		80	73	-7	40	36	-4
			103	Adult	X		X		0	27	+27	0	0	0
	07.0700	Environmental Health Tech.		Sec.										
				P-Sec.										
			66	Adult										
	07.0800	Mental Health Technology		Sec.										
				P-Sec.	X	X	X	X	500	470	-30	70	90	+20
			66	Adult										
	07.0903	Inhalation Thrp. Tech. (Respirat.)		Sec.										
				P-Sec.	X	X	X	X	250	295	+45	50	81	+31
			56	Adult										
	07.0904	Medical Assistant		Sec.					5,191	5,655	+392	392	1,982	+1,590
				P-Sec.	X	X	X	X	265	145	-120	100	97	-3
			141	Adult	X		X	X	0	271	+271	0	0	0
				Sec.					17	51	+34	0	28	+28
	07.0906	Health Aide		P-Sec. Voc.	X	X	X	X	400	597	+197	60	52	-8
			511	Adult					7,450	0	-7,450	300	0	-300

HEALTH 07.00

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

TABLE: 1(f) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
HEALTH 07.00	07.0501	Radiologic Technology	Sec.	\$	\$	\$	\$	\$	\$
			P-Sec.	18,947	156,305	20,315	20,884	189,475	27,493
			Adult						
	07.0503	Nuclear Medical Technology	Sec.						
			P-Sec.		18,236	2,370		18,414	2,672
			Adult						
	07.0600	Ophthalmic	Sec.						
			P-Sec.		41,681	5,417		35,375	5,133
			Adult		0	0		16,026	446
	07.0700	Environmental Health Tech.	Sec.						
			P-Sec.						
			Adult						
	07.0800	Mental Health Technology	Sec.						
			P-Sec.		260,508	33,858		227,757	33,048
			Adult						
	07.0903	Inhalation Thrp. Tech. (Respirat.)	Sec.						
			P-Sec.	2,973	130,254	16,929	3,277	142,954	20,743
			Adult						
	07.0904	Medical Assistant	Sec.	0	953,511	389,464	0	1,237,578	437,411
			P-Sec.	8,035	138,069	17,945	8,856	70,266	10,196
			Adult		0	0		147,477	4,478
	07.0906	Health Aide	Sec.	967	2,179	1,285	4,201	11,161	3,945
			P-Sec.		208,407	27,086		289,300	41,978
			Adult		352,813	44,553		0	0

GOALS TO MEET EMPLOYMENT NEEDS
FY

TABLE: 1(g)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj. Act.					Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T	C						
HEALTH 07.00	07.0907	Medical Emerg. Technology	75	Sec.											
				P-Sec.		X		X		50	52	+2	20	15	-5
				Adult	X	X	X	X		7,000	11,994	+4,994	30	2,834	+2,804
	07.0909	Mortuary Science		Sec.											
				P-Sec.	X		X	X		55	66	+11	20	5	-15
			46	Adult											
	07.9900	Other Pharmacy Tech. Voc. First Aide		Sec. *						354	247	-107	50	128	+78
				Adult		X		X		35	43	+8	25	6	-19
			23	Adult	X	X	X	X		0	6,810	+6,810	0	1,023	+1,023
	07.9900	Other Physician Assistant Safety		Sec.											
OCCUP. HOME ECONOMICS 09.00			23	Adult	X	X	X	X		15	21	+6	10	0	-10
				Adult	X	X	X	X		0	633	+633	0	63	+63
		SUBTOTAL HEALTH		Sec.						5,750	6,070	+320	572	2,236	+1,654
			9,812	P-Sec.	X	X	X	X		5,850	6,201	+351	1,482	1,490	+8
				Adult	X	X	X	X		34,635	52,980	+18,345	2,385	11,829	+9,444
	09.0201	Care & Guidance of Children		Sec.						1,674	1,394	-280	900	796	-104
				P-Sec.	X	X	X	X		1,725	2,359	+634	725	512	-213
			2,269	Adult	X	X	X	X		4,000	4,034	+34	500	178	-322
	09.0202	Clothing Mgmt., Production Services		Sec.						1,104	886	-218	800	587	-213
			1,367	P-Sec.											
OCCUP. HOME ECONOMICS 09.00	09.0203	Food, Mgmt., Production & Services		Adult	X	X	X	X		2,085	3,848	+1,763	400	3,515	+3,115
				Sec.						1,553	1,627	+74	800	970	+170
			1,233	P-Sec.	X		X			35	2	-33	15	1	-14
				Adult	X	X	X	X		4,000	5,073	+1,073	450	590	+140

* Home Health Aide

TABLE: 1(g) cont'd

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
HEALTH 07.00	07.0907	Medical Emerg. Technology	Sec.	\$	\$	\$	\$	\$	\$
			P-Sec.		26,051	3,386		25,199	3,656
			Adult		331,503	41,860		761,594	198,173
	07.0909	Mortuary Science	Sec.						
			P-Sec.		28,656	3,723		31,983	4,640
			Adult						
	07.9900	Other Pharmacy Tech. Voc. First Aide	Sec. *		65,042	26,566		54,056	19,105
			Adult		18,236	2,370		23,401	710
			Adult		0	0		432,421	112,519
	07.9900	Other Physician Assistant Safety	Sec.						
P-Sec.				7,815	1,016		20,176	1,476	
Adult				0	0		40,194	10,459	
OCCUP. HOME ECONOMICS 09.00		SUBTOTAL HEALTH	Sec.	10,890	1,045,411	431,448	13,838	1,328,400	469,511
			P-Sec.	\$ 427,660	\$ 2,961,031	\$ 384,802	\$ 471,381	\$ 3,015,120	\$ 437,496
			Adult	\$ 240,930	\$ 3,448,895	\$ 442,860	\$ 268,545	\$ 5,492,641	\$ 875,024
	09.0201	Care & Guidance of Children	Sec.	97,523	238,316	137,179	69,784	190,211	108,807
			P-Sec.	\$ 43,737	\$ 908,754	\$ 116,809	\$ 48,208	\$ 1,147,019	\$ 166,433
			Adult		189,430	23,920		593,599	66,626
	09.0202	Clothing Mgmt., Production Services	Sec.	62,599	158,918	90,482	44,353	120,895	69,143
			P-Sec.						
			Adult		139,001	17,715		244,340	63,554
	09.0203	Food, Mgmt., Production & Services	Sec.	90,842	220,747	127,274	81,448	221,988	126,971
P-Sec.				18,236	2,370		972	141	
Adult				189,430	23,920		322,125	83,786	

* Home Health Aide

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(h)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj. Act.				Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T						
OCCUP. HOME ECONOMICS 09.00	09.0204	Home Furnishings, Equipment, Services		Sec.					65	140	+75	42	81	+39
				P-Sec.		X		X	100	96	-4	30	20	-10
			283	Adult	X	X	X	X	650	3,166	+2,516	90	396	+306
	09.0205	Institutional, Home Mgmt., Services		Sec.					40	31	-9	12	25	+13
				P-Sec.		X		X	20	0	-20	15	0	-15
OCCUP. HOME ECONOMICS 09.00			1,869	Adult	X	X			8,500	0	-8,500	1,500	0	-1,500
	09.0299	Other		Sec.					498	446	-52	110	189	+79
				P-Sec.										
			30	Adult										
				Sec.					4,934	4,524	-410	2,664	2,648	-16
OCCUP. HOME ECONOMICS 09.00		SUBTOTAL OCCUPATIONAL HOME ECONOMICS		P-Sec.	X	X	X	X	1,880	2,457	+577	785	533	-252
			7,051	Adult	X	X	X	X	19,235	16,121	-3,114	2,940	4,679	+1,739
				Sec.					145	606	+461	116	522	+406
	14.0100	Accounting and Computing		P-Sec.	X	X	X	X	3,000	3,484	+484	700	698	-2
			4,797	Adult	X	X	X	X	1,400	2,267	+867	120	376	+256
BUSINESS AND OFFICE 14.00	14.0201	Computer and Console Operators		Sec.					145	0	-145	100	0	-100
				P-Sec.										
			570	Adult	X	X	X	X	290	325	+35	150	11	-139
	14.0203	Programmers		Sec.					1,202	0	-1,202	108	0	-108
				P-Sec.	X	X	X	X	2,000	2,649	+649	125	371	+246
BUSINESS AND OFFICE 14.00			248	Adult	X	X			750	0	-750	30	0	-30
				Sec.					0	1,425	+1,425	0	566	+566
	14.0299	Other Business Data Processing		P-Sec.										
			200	Adult	X	X	X	X	200	751	+551	50	202	+152
				Sec.										

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(h) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
OCCUP. HOME ECONOMICS 09.00	09.0204	Home Furnishings, Equipment, Services	Sec.	\$ 3,599	\$ 9,466	\$ 5,337	\$ 7,002	\$ 19,103	\$ 10,926
			P-Sec.		52,101	6,772		46,679	6,773
			Adult		30,783	3,887		201,034	52,290
	09.0205	Institutional, Home Mgmt., Services	Sec.	2,209	5,808	3,275	1,552	4,230	2,419
			P-Sec.		10,420	1,354		0	0
			Adult		402,539	50,832		0	0
	09.0299	Other	Sec.	0	99,871	40,794	0	60,857	34,806
			P-Sec.						
			Adult						
OCCUP. HOME ECONOMICS 09.00		SUBTOTAL OCCUPATIONAL HOME ECONOMICS	Sec.	256,772	733,126	404,341	204,139	617,284	353,072
			P-Sec.	\$ 43,737	\$ 989,511	\$ 127,305	\$ 48,208	\$ 1,194,670	\$ 173,347
			Adult		\$ 951,183	\$ 120,274		\$ 1,361,098	\$ 266,256
	14.0100	Accounting and Computing	Sec.	15,934	39,295	22,558	28,761	163,414	77,937
			P-Sec.	\$ 55,381	\$ 1,563,050	\$ 203,145	\$ 61,043	\$ 1,694,030	\$ 245,805
			Adult		66,301	8,372		143,950	37,442
	14.0201	Computer and Console Operators	Sec.	15,215	40,014	22,558	0	0	0
			P-Sec.						
			Adult	3,284	103,729	13,464	3,661	176,863	5,368
BUSINESS AND OFFICE 14.00	14.0203	Programmers	Sec.	132,104	325,626	186,960	0	0	0
			P-Sec.	35,933	1,042,033	135,430	39,607	1,288,026	186,894
			Adult		35,518	4,485		0	0
	14.0299	Other Business Data Processing	Sec.	0	0	0	67,630	384,266	183,298
			P-Sec.						
			Adult						
					9,472	1,196		47,687	12,404

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(i)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj.				Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T						
14.0300		Filing, Office Machines Clerical	1,954	Sec.					1,203	4,617	+3,414	986	3,411	+2,425
				P-Sec.	X	X	X	X	2,400	3,180	+780	600	480	-120
				Adult	X	X	X	X	3,600	1,293	-2,307	350	405	+55
				Sec.					31	19	-12	24	19	-5
14.0400		Information/ Communications		P-Sec.	X	X	X	X	300	332	+32	90	79	-11
				Adult										
14.0500		Materials Support, Transportation	2,551	Sec.					63	53	-10	48	36	-12
				P-Sec.										
				Adult										
				Sec.										
14.0600		Personnel Training & Related	655	Sec.					23	146	+123	16	79	+63
				P-Sec.	X	X	X	X	150	92	-58	50	26	-24
				Adult	X	X	X	X	3,500	16,259	+12,759	400	4,542	+4,142
				Sec.					313	535	+222	250	461	+211
14.0700		Steno, Secretarial & Related	8,936	P-Sec.	X	X	X	X	5,300	5,921	+621	1,300	1,146	-154
				Adult	X	X	X	X	525	1,866	+1,341	375	161	-214
				Sec.					28	57	+29	24	52	+28
				P-Sec.	X	X	X	X	15,000	16,508	+1,508	2,000	2,829	+829
14.0800		Supervisory & Administration Management	2,569	Adult	X	X	X	X	2,100	1,549	-551	500	443	-57
				Sec.					328	698	+370	230	529	+299
				P-Sec.										
				Adult	X	X	X	X	6,200	3,873	-2,327	1,050	1,359	+309
14.9900		Other	558	Sec.					3,229		-3,229	367		-367
				P-Sec.										
				Adult	X	X			6,000	0	-6,000	200	0	-200

BUSINESS AND OFFICE 14.00

TABLE: 1(i) cont'd

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
	14.0300	Filing, Office Machines Clerical	Sec.	\$ 132,187	\$ 325,845	\$ 187,083	\$ 219,123	\$ 1,245,010	\$ 593,885
			P-Sec.	46,762	1,250,440	162,516	51,543	1,546,215	224,357
			Adult		170,487	21,529		82,103	21,355
	14.0400	Information/Communications	Sec.	3,459	8,311	4,808	902	5,123	2,445
			P-Sec.	2,353	156,305	20,315	2,594	161,429	23,423
			Adult						
	14.0500	Materials Support, Transportation	Sec.	6,896	17,047	9,779	2,516	14,292	6,817
			P-Sec.						
			Adult						
	14.0600	Personnel Training & Related	Sec.	2,410	6,342	3,575	6,929	39,370	18,780
			P-Sec.		78,152	10,157		44,733	6,491
			Adult		165,751	20,930		1,032,413	268,536
	14.0700	Steno, Secretarial & Related	Sec.	34,842	84,369	48,692	25,391	144,268	68,817
			P-Sec.	150,676	2,761,388	358,890	166,079	2,878,975	417,741
			Adult					118,487	30,819
	14.0800	Supervisory & Administration Management	Sec.	2,937	7,727	4,356	2,705	15,371	7,332
			P-Sec.	238,450	7,815,249	1,015,726	262,826	8,026,705	1,164,681
			Adult		99,451	12,557		98,358	25,583
	14.0900	Typing and Related	Sec.	36,395	88,450	50,993	33,127	188,223	89,784
			P-Sec.						
			Adult		293,617	37,077		245,927	63,967
	14.9900	Other	Sec.	0	1,229,533	502,202	0	0	0
			P-Sec.						
			Adult		284,144	35,881		0	0

BUSINESS AND OFFICE 14.00

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

TABLE: 1(j)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj. Act.					Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T	C						
B&O 14.00		SUBTOTAL		Sec.						6,710	8,156	+1,446	2,269	5,675	+3,406
		BUSINESS & OFFICE	26,694	P-Sec.	X	X	X	X	X	28,150	32,166	+4,016	4,865	5,629	+764
				Adult	X	X	X	X	X	24,565	28,183	+3,618	3,225	7,499	+4,274
	16.0101	Aeronautical Technology		Sec.											
TECHNICAL 16.00			7	P-Sec.											
				Adult											
	16.0103	Architectural Technology		Sec.											
			95	P-Sec.	X	X	X	X	X	475	489	+14	100	115	+15
				Adult											
	16.0104	Automotive Technology		Sec.											
			108	P-Sec.	X	X	X	X	X	300	209	-91	90	53	-37
				Adult											
	16.0105	Chemical Technology		Sec.											
				P-Sec.	X	X	X	X	X	110	99	-11	50	21	-29
			133	Adult	X	X	X	X	X	150	81	-69	70	54	-16
	16.0106	Civil Technology		Sec.											
			319	P-Sec.	X	X	X	X	X	500	569	+69	100	103	+3
				Adult	X	X	X	X	X	1,250	1,106	-144	200	284	+84
	16.0107	Electrical Technology		Sec.											
			173	P-Sec.	X	X	X	X	X	300	400	+100	50	49	-1
				Adult	X	X	X	X	X	1,000	0	-1,000	100	0	-100
	16.0108	Electronic Technology		Sec.											
				P-Sec.	X	X	X	X	X	1,600	1,916	+316	300	318	+18
			549	Adult	X	X	X	X	X	1,400	3,691	+2,291	150	817	+667

TABLE: 1(j) cont'd

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
B&O 14.00		SUBTOTAL	Sec.	\$ 382,379	\$ 2,172,599	\$ 1,043,564	\$ 387,084	\$ 2,199,337	\$1,049,095
		BUSINESS & OFFICE	P-Sec.	529,555	14,666,617	1,906,179	583,692	15,640,113	2,269,392
			Adult	3,284	1,228,470	155,491	3,661	1,945,788	465,474
TECHNICAL 16.00	16.0101	Aeronautical Technology	Sec.						
			P-Sec.						
			Adult						
	16.0103	Architectural Technology	Sec.						
			P-Sec.						
			Adult						
			P-Sec.		\$ 247,483	\$ 32,165		\$ 237,767	\$ 34,500
	16.0104	Automotive Technology	Sec.						
			P-Sec.		156,305	20,315		101,622	17,745
			Adult						
	16.0105	Chemical Technology	Sec.						
			P-Sec.	\$ 1,373	57,312	7,449	\$ 1,514	48,137	6,985
			Adult		7,104	897		5,143	1,338
	16.0106	Civil Technology	Sec.						
			P-Sec.		260,508	33,858		276,666	40,144
			Adult		59,197	7,475		70,229	18,267
	16.0107	Electrical Technology	Sec.						
			P-Sec.		156,305	20,314		194,492	28,221
			Adult		47,358	5,980		0	0
	16.0108	Electronic Technology	Sec.						
			P-Sec.		833,627	108,343		931,619	135,179
			Adult		66,301	8,372		234,371	60,961

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(k)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers				
					Proj.		Act.	Projected	Actual	Difference	Projected	Actual	Difference			
					C	T								C	T	C
TECHNICAL 16.00	16.0109	Electromechanical Technology	60	Sec.												
				P-Sec.		X	X	X	125	158	40	47	+7			
				Adult												
	16.0110	Environmental Technology	74	Sec.												
				P-Sec.	X	X	X	X	400	513	60	72	+12			
				Adult												
	16.0111	Industrial Technology	486	Sec.												
				P-Sec.	X	X	X	X	3,500	2,731	400	676	+276			
				Adult	X	X	X	X	200	41	25	11	-14			
	16.0112	Instrumentation Technology	24	Sec.												
			P-Sec.	X	X	X	X	40	47	15	9	-6				
			Adult													
16.0113	Mechanical Technology	183	Sec.													
			P-Sec.	X	X	X	X	525	702	150	164	+14				
			Adult	X	X	X	X	200	40	25	0	-25				
16.0114	Metallurgical Technology	10	Sec.													
			P-Sec.													
			Adult													
16.0117	Scientific Data Technology	40	Sec.													
			P-Sec.	X				5	0	3	0	-3				
			Adult													
16.0601	Commercial Pilot Training	98	Sec.													
			P-Sec.	X	X	X	X	100	139	70	87	+17				
			Adult													

TABLE: 1(k) cont'd

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
TECHNICAL 16.00	16.0109	Electromechanical Technology	Sec.						
			P-Sec.		65,127	8,464		76,825	11,147
			Adult						
	16.0110	Environmental Technology	Sec.						
			P-Sec.		208,407	27,086		249,437	36,193
			Adult						
	16.0111	Industrial Technology	Sec.						
			P-Sec.	15,882	1,823,558	237,003	17,506	1,327,897	192,679
			Adult		9,471	1,196		2,603	677
	16.0112	Instrumentation Technology	Sec.						
			P-Sec.	4,332	20,841	2,708	4,775	22,853	3,316
			Adult						
	16.0113	Mechanical Technology	Sec.						
			P-Sec.	7,641	273,534	35,550	8,422	341,334	49,528
			Adult		9,471	1,196		2,540	660
	16.0114	Metallurgical Technology	Sec.						
			P-Sec.						
			Adult						
	16.0117	Scientific Data Technology	Sec.						
			P-Sec.		2,605	339		0	0
			Adult						
	16.0601	Commercial Pilot Training	Sec.						
			P-Sec.		52,102	6,772		67,586	9,807
			Adult						

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(1)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj. Act.				Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T						
TECHNICAL 16.00	16.0602	Fire/Fire Safety Technology	95	Sec.										
				P-Sec.	X	X	X	X	450	499	+49	70	97	+27
				Adult										
	16.0604	Oceanographic Technology	70	Sec.										
				P-Sec.		X		X	225	194	-31	60	59	-1
				Adult										
	16.0605	Police Science		Sec.										
				P-Sec.	X	X	X	X	5,000	6,374	+1,374	1,100	1,069	-31
			1,436	Adult										
	16.9902	Water/Waste-Water Tech.	40	Sec.										
T & I 17.00				P-Sec.	X	X		X	35	33	-2	20	20	0
				Adult				X	0	30	+30	0	0	0
	16.9900	Other General Occupational Technology		Sec.										
				P-Sec.					0	1,392	+1,392	0	67	+67
				Adult										
		SUBTOTAL TECHNICAL		Sec.										
				P-Sec.	X	X	X	X	13,690	16,464	+2,774	2,678	3,026	+348
			4,000	Adult	X	X	X	X	4,200	4,989	+789	570	1,166	+596
	17.0100	Air Conditioning		Sec.					80	130	50	45	58	+13
				P-Sec. Voc.										
			517	Adult	X	X	X	X	2,100	2,532	+432	425	513	+88
	17.0200	Appliance Repair		Sec.					400	419	+19	200	264	+64
				P-Sec.										
			190	Adult		X		X	60	40	-20	10	4	-6

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(1) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
TECHNICAL 16.00	16.0602	Fire/Fire Safety Technology	Sec.	\$	\$	\$	\$	\$	\$
			P-Sec.	17,740	234,457	30,472	19,554	242,629	35,206
			Adult						
	16.0604	Oceanographic Technology	Sec.						
			P-Sec.		117,229	15,236		94,329	13,687
			Adult						
	16.0605	Police Science	Sec.						
			P-Sec.	124,623	2,605,083	338,575	137,363	3,099,238	446,701
			Adult						
	16.9902	Water/Waste-Water Tech.	Sec.						
T & I 17.00			P-Sec.		18,236	2,370		16,046	2,329
			Adult		0	0		16,326	496
	16.9900	Other General Occupational Technology	Sec.						
			P-Sec.		0	0		676,834	98,209
			Adult						
		SUBTOTAL TECHNICAL	Sec.						
			P-Sec.	171,591	7,132,719	927,019	189,134	8,005,311	1,161,576
			Adult		198,902	25,116		331,212	82,399
	17.0100	Air Conditioning	Sec.	5,387	13,284	7,626	9,710	24,415	13,436
			P-Sec.						
			Adult	42,854	620,476	80,467	48,976	689,542	41,819
	17.0200	Appliance Repair	Sec.	0	93,358	38,132	0	78,692	43,304
			P-Sec.						
			Adult	6,546	31,261	4,063	7,481	21,768	661

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(m)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj. Act.					Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T	C						
17.0301		Body and Fender Repair		Sec.						414	515	+101	225	182	-43
				P-Sec.											
				Adult	X	X	X	X		1,000	1,128	+128	160	243	+83
				Sec.						6,157	6,558	+401	1,000	2,363	+1,363
17.0302		Auto Mechanics		P-Sec.					X	0	12	+12	0	0	0
				Adult	X	X	X	X		9,000	9,406	+406	1,100	2,051	+951
				Sec.						1,761	1,391	-370	165	232	+67
				P-Sec.					X	20	0	-20	15	0	-15
17.0399		Other Automotive		Adult											
				Sec.											
				P-Sec.											
				Adult											
17.0400		Aviation Occupations		Sec.						353	423	+70	37	149	+112
				P-Sec.	X		X			70	82	+12	15	25	+10
				Adult	X	X	X	X		1,300	1,605	305	25	455	+430
				Sec.						0	3	+3	0	3	+3
17.0500		Blueprint Reading		P-Sec.											
				Adult			X	X		0	1,353	+1,353	0	392	+392
				Sec.						70	162	+92	20	54	+34
				P-Sec.											
17.0600		Business Machine Maintenance		Adult			X			30	0	-30	0	0	0
				Sec.						242	126	-116	48	47	-1
				P-Sec.	X	X	X	X		900	1,038	+138	225	268	+43
				Adult			X			130	144	+14	20	0	-20
17.0700		Commercial Art Occupations		Sec.						75	16	-59	30	3	-27
				P-Sec.											
				Adult											
				P-Sec.											
17.0800		Commercial Fishery Occupations		Adult	X	X	X	X		1,365	1,221	-144	80	118	+38
				P-Sec.											
				Adult											
				P-Sec.											

TRADES AND INDUSTRIES 17.00

TABLE: 1(m) cont'd

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
17.0301		Body and Fender Repair	Sec.	\$ 27,872	\$ 68,740	\$ 39,462	\$ 38,466	\$ 96,722	\$ 53,225
			P-Sec.						
			Adult	21,703	521,017	67,715	24,803	613,851	18,630
17.0302		Auto Mechanics	Sec.	414,524	1,021,941	586,885	489,817	1,231,433	677,255
			P-Sec.		0	0		5,835	846
			Adult	68,028	2,320,854	300,761	77,746	2,669,543	155,351
17.0399		Other Automotive	Sec.	0	410,959	167,860	0	261,244	143,760
			P-Sec.		10,420	1,354		0	0
			Adult						
17.0400		Aviation Occupations	Sec.	0	82,345	33,635	0	79,444	43,717
			P-Sec.	21,755	36,471	4,740	26,232	39,871	5,785
			Adult		61,565	7,774		106,721	26,508
17.0500		Blueprint Reading	Sec.	0	0	0	0	564	310
			P-Sec.						
			Adult						
17.0600		Business Machine Maintenance	Sec.	4,724	11,649	6,688	12,100		
			P-Sec.						
			Adult		15,630	2,031		0	0
17.0700		Commercial Art Occupations	Sec.	17,298	39,195	23,075	9,411	23,664	13,022
			P-Sec.		468,915	60,944		504,708	73,233
			Adult	415	6,156	777	474	78,364	2,378
17.0800		Commercial Fishery Occupations	Sec.	4,828	12,694	7,157	1,195	3,005	1,654
			P-Sec.						
			Adult	4,332	142,797	18,349	4,951	101,566	20,166

TRADES AND INDUSTRIES 17.00

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(n)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj. Act.				Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C	T						
	17.0900	Commercial Photography	208	Sec.					407	237	-170	145	101	-44
				P-Sec.		X		X	165	220	+55	60	50	-10
				Adult										
	17.1001	Carpentry	1,990	Sec.					4,348	4,453	+105	1,350	1,451	+101
				P-Sec.		X		X	0	32	+32	0	4	+4
				Adult	X	X	X	X	3,400	2,741	-659	575	584	+9
	17.1002	Electricity	1,374	Sec.					3,347	3,098	-249	900	685	-215
				P-Sec.										
				Adult	X	X	X	X	3,450	3,238	-212	400	767	+367
	17.1004	Masonry	1,432	Sec.					5,197	4,797	-400	1,000	1,520	+520
				P-Sec. Voc.										
				Adult	X	X	X	X	2,700	2,196	-504	300	526	+226
	17.1007	Plumbing and Pipefitting	539	Sec.					223	232	+9	76	87	+11
				P-Sec. Voc.										
				Adult	X	X	X	X	475	290	-185	95	60	-35
	17.1099	Other Construction & Maintenance	2,089	Sec.					9,061	7,153	-1,908	1,100	363	-737
				P-Sec. Voc.										
				Adult	X	X	X	X	600	1,818	+1,218	400	389	-11
	17.1100	Custodial Service	3,672	Sec.					166	171	+5	80	76	-4
				P-Sec.										
				Adult										
	17.1200	Diesel Mechanic	602	Sec.					19	37	+18	17	26	+9
				P-Sec.	X	X	X	X	290	0	-290	150	0	-150
				Adult	X	X	X	X	325	372	+47	100	46	-54

TRADES AND INDUSTRIES 17.00

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(n) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
TRADES AND INDUSTRIES 17.00	17.0900	Commercial Photography	Sec.	\$ 26,168	\$ 68,816	\$ 38,797	\$ 17,702	\$ 44,511	\$ 24,494
			P-Sec.		85,968	11,173		106,971	15,522
			Adult						
	17.1001	Carpentry	Sec.	292,730	721,933	414,449	332,595	836,318	460,218
			P-Sec.		0	0		15,559	2,258
			Adult	47,139	819,402	106,163	53,873	1,087,371	45,271
	17.1002	Electricity	Sec.	215,173	565,860	319,020	231,244	581,836	320,178
			P-Sec.						
			Adult	64,378	826,506	107,060	73,575	1,022,790	53,479
	17.1004	Masonry	Sec.	349,884	862,886	495,367	358,288	900,925	495,770
			P-Sec.						
			Adult	13,098	269,963	34,667	14,969	427,859	36,269
	17.1007	Plumbing and Pipefitting	Sec.	15,350	36,738	21,276	17,328	43,572	23,977
			P-Sec.						
			Adult	8,252	105,385	13,644	9,431	102,536	4,790
	17.1099	Other Construction & Maintenance	Sec.	620,046	1,494,497	863,705	534,258	1,343,405	739,262
			P-Sec.						
			Adult	18,463	146,829	19,022	21,111	355,787	30,026
	17.1100	Custodial Service	Sec.	11,684	27,095	15,840	12,772	32,116	17,673
			P-Sec.						
			Adult						
	17.1200	Diesel Mechanic	Sec.	1,214	3,191	1,799	2,764	6,949	3,824
			P-Sec.	9,693	151,095	19,637	0	0	0
			Adult	405	15,391	1,944	463	202,440	6,144

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

TABLE: 1(o)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj.	Act.	C	T	C	T	C	I	C	I
					C	T								
TRADES AND INDUSTRIES 17.00	17.1300	Drafting Occupations		Sec.										
				P-Sec.Voc.	X	X	X	X	8,068	6,984	-1,084	500	2,266	+1,766
			854	Adult	X	X	X	X	1,325	743	-582	300	237	-63
	17.1400	Electrical Occupations		Sec.										
				P-Sec.Voc.	X	X	X	X	300	1,159	+859	50	86	+36
				Adult					108	41	-67	50	28	-22
	17.1500	Electronics Occupations	538	Sec.										
				P-Sec.Voc.	X	X	X	X	1,050	971	-279	300	166	-134
			407	Adult										
	17.1600	Fabric Maintenance Services		Sec.										
			1,318	P-Sec.	X	X	X	X	103	138	+35	50	56	+6
	17.1700	Foremanship Management Development		Sec.										
				P-Sec.	X	X	X	X	1,800	1,480	-320	340	389	+49
	17.1900	Graphic Arts Occupations	394	Sec.										
				P-Sec.	X	X	X	X	40	10	-30	30	5	-25
				Adult					23	0	-23	0	0	0
	17.2100	Instrument Maintenance/Repair	222	Sec.										
				P-Sec.	X	X	X	X						
				Adult										
	17.2200	Maritime Occupations	90	Sec.										
				P-Sec.Voc.	X	X	X	X	206	173	-33	75	43	-32
				Adult					50	60	+10	15	11	-4

TABLE: 1(o) cont'd

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
TRADES AND INDUSTRIES 17.00	17.1300	Drafting Occupations	Sec.	\$ 553,196	\$ 1,329,632	\$ 769,059	\$ 521,635	\$ 1,311,665	\$ 721,796
			P-Sec.		690,347	89,722	9,082	361,270	52,420
			Adult	7,332	14,207	1,794		410,082	19,142
	17.1400	Electrical Occupations	Sec.	6,937	18,245	10,286	3,063	7,700	4,237
			P-Sec.						
			Adult	24,839	298,397	38,689	28,388	301,322	12,734
	17.1500	Electronics Occupations	Sec.	6,621	17,412	9,817	10,307	25,918	14,252
			P-Sec.						
			Adult	36,294	606,268	78,673	41,479	622,743	24,444
	17.1600	Fabric Maintenance Services	Sec.	1,477	3,885	2,190	745	1,878	1,034
			P-Sec.						
			Adult						
	17.1700	Foremanship Management Development	Sec.						
			P-Sec.						
			Adult						
	17.1900	Graphic Arts Occupations	Sec.	120,604	317,165	178,811	146,168	367,544	202,256
			P-Sec.	3,284	117,229	15,236	4,620	40,357	5,856
			Adult		5,920	748		110,471	3,353
	17.2100	Instrument Maintenance/Repair	Sec.	449	1,179	665	822	2,066	1,137
			P-Sec.						
			Adult		26,051	3,386		19,047	578
	17.2200	Maritime Occupations	Sec.	13,242	34,825	19,633	12,921	32,491	17,880
			P-Sec.						
			Adult	4,332	26,051	3,386	4,941	32,652	991

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(p)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj.	C	T	Act.	Projected	Actual	Difference	Projected	Actual	Difference
	17.2302	Machine Shop	885	Sec.					792	1,715	+923	284	565	+281
				P-Sec.			X		0	48	+48	0	18	+18
				Adult	X	X	X	X	2,600	2,023	-577	350	617	+267
	17.2303	Machine Tool	894	Sec.										
				P-Sec.										
		Operation		Adult	X	X	X	X	725	104	-621	150	51	-99
	17.2305	Sheet Metal	136	Sec.					115	0	-115	20	0	-20
				P-Sec. Voc.										
				Adult	X	X			25	0	-25	15	0	-15
	17.2306	Welding and Cutting	1,977	Sec.					981	0	-981	200	0	-200
				P-Sec.										
				Adult	X	X	X	X	3,575	5,281	+1,706	1,450	994	-456
	17.2307	Tool and Die Making	91	Sec.										
				P-Sec. Voc.										
				Adult	X			X	250	171	-79	60	56	-4
	17.2399	Other Metalworking Occupations	59	Sec.					13	8	-5	10	3	-7
				P-Sec.										
				Adult	X	X	X	X	260	286	+26	40	136	+96
	17.2601	Barbering	190	Sec.					1	1	0	1	0	-1
				P-Sec.										
				Adult										
	17.2602	Cosmetology	1,288	Sec.					873	896	+23	150	274	+124
				P-Sec. Voc.										
				Adult	X	X	X	X	1,075	1,770	+695	435	444	+9

TRADES AND INDUSTRIES 17.00

TABLE: 1(p) cont'd

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
TRADES AND INDUSTRIES 17.00	17.2302	Machine Shop	Sec.	\$ 50,964	\$ 134,025	\$ 75,561	\$ 128,093	\$ 322,094	\$ 177,245
			P-Sec.		0	0	12,015	23,339	3,387
			Adult	31,139	644,154	83,457	35,588	753,361	33,412
	17.2303	Machine Tool Operation	Sec.						
			P-Sec.						
			Adult		93,542	12,052		56,596	1,718
	17.2305	Sheet Metal	Sec.	8,386	18,424	10,951	0	0	0
			P-Sec.						
			Adult		13,025	1,693		0	0
	17.2306	Welding and Cutting	Sec.	63,072	165,866	93,512	0	0	0
			P-Sec.						
			Adult	41,501	1,353,450	175,717	47,430	1,777,421	87,222
	17.2307	Tool and Die Making	Sec.						
			P-Sec.						
			Adult	14,060	59,206	7,669	16,069	93,057	2,824
	17.2399	Other Metalworking Occupations	Sec.	185	485	274	598	1,503	827
			P-Sec.						
			Adult		40,733	5,259		114,300	4,724
	17.2601	Barbering	Sec.	53	139	78	75	188	103
			P-Sec.						
			Adult						
	17.2602	Cosmetology	Sec.	56,135	147,621	83,226	66,922	168,278	92,602
			P-Sec.						
			Adult	17,486	524,569	68,164	19,984	963,224	29,234

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

TABLE: 1(q)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type				Enrollment			Completers		
					Proj.	Act.	C	T	C	T	J	Projected	Actual	Difference
	17.2699	Other Personal Services	156	Sec.					330			100	108	+8
				P-Sec.										
	17.2700	Plastics Occupations		Adult	X	X	X	X	350			50	19	-31
				Sec.					25			25	22	-3
				P-Sec.	X	X	X	X	55			20	1	-19
	17.2801	Firefighter Training	290	Adult	X	X	X	X	1,325			175	308	+133
				Sec.					11			8	2	-6
				P-Sec.										
	17.2802	Law Enforcement Training	2,100	Adult	X	X	X	X	26,000			2,000	2,422	+422
				Sec.					20			20	12	-8
				P-Sec.										
	17.2899	Other Public Services	176	Adult	X	X	X	X	13,065			2,850	1,305	-1,545
				Sec.					118			25	96	+71
				P-Sec.										
	17.2900	Quantity Food Occupations	2,511	Adult	X	X	X	X	175			25	0	-25
				Sec.					709			500	421	-79
				P-Sec. Voc.	X	X	X	X	400			250	41	-209
	17.3000	Refrigeration	33	Adult	X	X	X	X	0			0	0	0
				Sec.					14			10	11	+1
				P-Sec.										
	17.3100	Small Engine Repair	920	Adult										
				Sec.					1,723			300	291	-9
				P-Sec. Voc.										
				Adult	X	X	X	X	3,200			575	232	-343

TRADES AND INDUSTRIES 17.00

TABLE: 1(q) cont'd

GOALS TO MEET EMPLOYMENT NEEDS
FY 1978

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
	17.2699	Other Personal Services	Sec.	\$ 22,208	\$ 54,775	\$ 31,444	\$ 17,477	\$ 43,948	\$ 24,184
			P-Sec.						
			Adult		16,575	2,093		33,146	8,621
	17.2700	Plastics	Sec.	1,610	4,231	2,386	1,867	4,695	2,584
		Occupations	P-Sec.		28,656	3,724		973	141
			Adult		62,749	7,924		91,183	23,717
	17.2801	Firefighter Training	Sec.	712	1,873	1,056	373	939	517
			P-Sec.						
			Adult						
	17.2802	Law Enforcement Training	Sec.	1,292	1,231,296	155,483		1,326,979	345,154
			P-Sec.		3,400	1,916	1,643	4,132	2,274
			Adult						
	17.2899	Other Public Services	Sec.	8,187	767,929	97,576	9,357	680,317	176,954
			P-Sec.	7,597	19,979	11,264	13,818	34,745	19,120
			Adult						
	17.2900	Quantity Food Occupations	Sec.	45,583	8,288	1,047		4,192	1,090
			P-Sec.		119,873	67,582	60,350	151,750	83,807
			Adult		208,407	27,086		15,559	2,258
	17.3000	Refrigeration	Sec.	897	0	0		220,399	6,689
			P-Sec.		2,359	1,330	1,718	4,320	2,377
			Adult						
	17.3100	Small Engine Repair	Sec.	125,992	276,062	164,223	85,520	215,042	118,336
			P-Sec.						
			Adult	12,297	246,276	31,483	14,054	256,710	32,388

TRADES AND INDUSTRIES 17.00

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(r)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj.					Actual	Projected	Difference	Actual	Projected	Difference
					C	T	C	T	C						
TRADES AND INDUSTRIES 17.00	17.3300	Textile Production/Fabrication	7,799	Sec.						2,228	1,710	+518	1,054	1,200	-146
				P-Sec.	X		X		X	99	75	+24	5	25	-20
				Adult	X	X	X		X	5,440	7,000	-1,560	870	1,600	-730
	17.3400	Leather Working		Sec.						13	13	0	9	12	-3
				P-Sec.Voc.											
	17.3500	Upholstering	448	Adult	X				X	0	35	-35	0	30	-30
				Sec.						121	84	+37	64	75	-11
				P-Sec.Voc.											
	17.3600	Woodworking		Adult					X	223	150	+73	160	100	+60
				Sec.						2,654	2,630	+24	909	900	+9
TRADES AND INDUSTRIES 17.00	17.9900	Other Surveying	1,953	P-Sec.Voc.	X		X		X	0	55	-55	0	40	-40
				Adult	X	X	X		X	4,013	4,600	-587	306	450	-144
				Sec.						2,113	1,923	+190	978	1,500	-522
				P-Sec.			X		X	75	100	-25	17	40	-23
				Adult	X	X			X	0	4,500	-4,500	0	300	-300
		SUBTOTAL TRADES AND INDUSTRIES	50,100	Sec.						51,431	54,813	-3,382	15,584	12,788	+2,796
				P-Sec.	X	X	X		X	2,466	3,703	-1,237	676	1,165	-489
				Adult	X	X	X		X	97,013	112,720	-15,707	16,367	17,500	-1,133
	99.03	Remedial		P-Sec.	X	X	X		X	2,889	4,200	-1,311	0	0	0
				Adult	X	X	X		X	5,844	3,100	+2,744	0	0	0

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(r) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
TRADES AND INDUSTRIES 17.00	17.3300	Textile Production/Fabrication	Sec.	\$ 109,947	\$ 289,137	\$ 163,010	\$ 166,409	\$ 418,441	\$ 230,264
			P-Sec.		39,076	5,079		48,137	6,985
			Adult		331,503	41,861		345,429	89,848
	17.3400	Leather Working	Sec.	844	2,220	1,252	971	2,442	1,343
			P-Sec.						
			Adult		1,657	209		0	0
	17.3500	Upholstering	Sec.	5,891	13,738	8,018	9,037	22,725	12,505
			P-Sec.						
			Adult		78,152	10,157		121,355	3,683
	17.3600	Woodworking	Sec.	179,089	434,669	250,695	198,227	498,448	274,291
			P-Sec.	2,614	28,656	3,724	0	0	0
			Adult		217,843	27,508		278,851	66,279
	17.9900	Other Surveying	Sec.	0	448,780	183,309	0	396,843	218,379
			P-Sec.	9,906	52,102	6,772	10,919	36,467	5,291
			Adult		213,109	26,911		0	0
		SUBTOTAL	Sec.	3,389,865	9,395,180	5,222,321	3,516,409	9,659,035	5,315,182
		TRADES AND INDUSTRIES	P-Sec.	54,584	1,917,342	249,191	62,868	1,199,046	173,982
			Adult	485,748	13,470,866	1,734,088	555,143	16,808,025	1,602,279
	99.03	Remedial	Sec.						
			P-Sec.		2,188,271	284,404		1,404,722	203,826
			Adult		146,808	18,539		3,180,270	96,521
			Sec.						
			P-Sec.						
			Adult						

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(s)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type			Enrollment			Completers		
					Proj. Act.			Projected	Actual	Difference	Projected	Actual	Difference
					C	T	C						
					C	I	C						
	01.00	Agriculture	6,257	Sec.				27,498	25,422	-2,076	2,012	5,330	+3,318
				P-Sec.	X	X	X	4,397	3,952	-445	910	783	-127
				Adult	X	X	X	3,275	3,493	+218	315	722	+407
	04.00	Distribution and Marketing	26,010	Sec.				12,251	11,733	-518	7,260	6,041	-1,219
				P-Sec.	X	X	X	3,716	3,181	+465	945	550	-395
				Adult	X	X	X	20,125	23,983	+3,858	2,480	6,131	+3,651
	07.00	Health	9,812	Sec.				5,750	6,070	+320	572	2,236	+1,664
				P-Sec.	X	X	X	5,850	6,222	+351	1,482	1,490	+8
				Adult	X	X	X	34,635	52,980	+18,345	2,385	11,829	+9,444
	09.02	Occupational Home Economics	7,051	Sec.				4,934	4,524	-410	2,664	2,648	-16
				P-Sec.	X	X	X	1,880	2,457	+577	785	533	-252
				Adult	X	X	X	19,235	16,121	-3,114	2,940	4,679	+1,739
	14.00	Business and Office	26,694	Sec.				6,710	8,156	+1,446	2,269	5,675	+3,406
				P-Sec.	X	X	X	28,150	32,166	+4,016	4,865	5,629	+764
				Adult	X	X	X	24,565	28,183	+3,618	3,225	7,499	+4,274
	16.00	Technical	4,000	Sec.				--	--	--	--	--	--
				P-Sec.	X	X	X	13,690	16,464	+2,774	2,678	3,026	+348
				Adult	X	X	X	4,200	4,989	+789	570	1,166	+596
	17.00	Trades and Industries	50,100	Sec.				54,813	51,431	-3,382	12,788	15,584	+2,796
				P-Sec.	X	X	X	3,703	2,466	-1,237	1,150	676	-474
				Adult	X	X	X	112,720	97,013	-15,707	17,500	16,367	-1,133
	99.03	Remedial	--	Sec.				--	253	+253	--	--	--
				P-Sec.	X	X	X	4,200	2,889	-1,311	--	--	--
				Adult	X	X	X	3,100	5,844	+2,744	--	--	--

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(s) cont'd

Program Area	O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
				Federal	State	Local	Federal	State	Local
01.00		Agriculture	Sec.		\$ 4,439,354	\$1,813,249		\$ 4,537,459	\$1,717,182
			P-Sec.	\$ 63,866	2,290,970	297,743	\$ 70,395	1,921,586	278,824
			Adult		155,096	19,585		356,874	57,691
04.00		Distribution and Marketing	Sec.	596,104	1,947,440	1,038,847	573,478	1,816,013	972,987
			P-Sec.	34,526	1,415,081	183,914	38,056	1,546,702	224,427
			Adult		953,070	120,350		1,691,114	396,106
07.00		Health	Sec.	10,890	1,045,411	431,448	13,838	1,328,400	469,511
			P-Sec.	427,660	2,961,031	384,802	471,381	3,015,120	437,496
			Adult	240,930	3,448,895	442,860	268,545	5,492,641	875,024
09.02		Occupational Home Economics	Sec.	256,772	733,126	404,341	204,139	617,284	353,072
			P-Sec.	43,737	989,511	127,305	48,208	1,194,670	173,347
			Adult		951,183	120,274		1,361,098	266,256
14.00		Business and Office	Sec.	382,379	2,172,599	1,043,564	387,084	2,199,337	1,049,095
			P-Sec.	529,555	14,666,617	1,906,179	583,692	15,640,113	2,269,392
			Adult	3,284	1,228,470	155,491	3,661	1,945,788	465,474
16.00		Technical	Sec.						
			P-Sec.	171,591	7,132,719	927,019	189,134	8,005,311	1,161,576
			Adult		198,902	25,116		331,212	82,399
17.00		Trades and Industries	Sec.	3,389,865	9,395,180	5,222,321	3,516,409	9,659,035	5,315,182
			P-Sec.	54,584	1,917,342	249,191	62,868	1,199,046	173,982
			Adult	485,748	13,470,866	1,734,088	555,143	16,808,025	1,602,279
99.03		Remedial	Sec.						
			P-Sec.		2,188,271	284,404		1,404,722	203,826
			Adult		146,808	18,539		3,180,270	96,521

GOALS TO MEET EMPLOYMENT NEEDS

FY 1978

TABLE: 1(t)

Program Area	O. E. Program Number	Instructional Program	Projected Job Openings	Level	Type					Enrollment			Completers		
					Proj.					Actual	Projected	Difference	Actual	Projected	Difference
					C	T	C	T	C						
		SUBTOTAL - VOCATIONAL and TECHNICAL SKILLS	129,924	Sec.						111,956	107,589	-4,367	37,514	27,565	+9,939
				P-Sec.	X	X	X	X	X	64,586	69,776	+5,190	12,687	12,815	-128
				Adult	X	X	X	X	X	221,855	232,606	+10,751	48,393	29,415	+18,978
	99.01	Group Guidance	--	Sec.						133,369	113,038	-20,331	0	0	0
				Sec.						8,077	11,148	+3,071	0	0	0
	99.06	Other N.E.C.	--	Sec.						2,815	1,655	-1,160	0	0	0
		SUBTOTAL - SPECIAL PROGRAMS	--	Sec.						144,261	125,841	-18,420	0	0	0
09.01		SUBTOTAL - CONSUMER and HOME MAKING	--	Sec.						82,980	54,129	-28,761*	0	0	0
				P-Sec.						0	0	0	0	0	0
				Adult	X	X	X	X	X	45,000	32,218	-12,782	0	0	0
		GRAND TOTAL - ALL PROGRAMS	129,924	Sec.						339,197	287,559	-51,638	37,514	27,565	+9,939
				P-Sec.	X	X	X	X	X	64,586	69,776	+5,190	12,687	12,815	-128
				Adult	X	X	X	X	X	266,855	264,824	-2,031	48,393	29,415	+18,978

*See narrative, Page 62

TABLE: 1(t) cont'd

O. E. Program Number	Instructional Program	Level	Projected Funding			Expenditures		
			Federal	State	Local	Federal	State	Local
	SUBTOTAL - VOCATIONAL and TECHNICAL SKILLS	Sec.	\$4,636,010	\$19,733,110	\$ 9,953,770	\$4,694,948	\$20,157,528	\$ 9,877,029
		P-Sec.	1,325,519	33,561,542	4,360,557	1,463,734	33,927,270	4,922,870
		Adult	729,962	20,553,290	2,636,303	827,349	31,167,022	3,841,750
99.01	Group Guidance	Sec.	\$1,716,232	\$ 2,705,426	\$ 2,750,240	\$1,716,232	\$ 799,153	\$ 1,058,485
99.04	Industrial Arts	Sec.	0	756,710	309,025	0	811,014	365,046
99.06	Other N.E.C.	Sec.	0	255,691	104,438	0	0	0
	SUBTOTAL - SPECIAL PROGRAMS	Sec.	\$1,716,232	\$ 3,717,827	\$ 3,163,703	\$1,716,232	\$ 1,610,167	\$ 1,423,531
09.01	SUBTOTAL - CONSUMER and HOMEMAKING	Sec.	\$1,215,572	\$ 8,927,006	\$ 4,142,903	\$1,209,984	\$ 93,042	\$ 38,484
		P-Sec.	0	0	0	0	0	0
		Adult	0	300,000	0	0	998,117	532,118
	GRAND TOTAL - ALL PROGRAMS	Sec.	\$7,567,814	\$32,377,943	\$17,260,376	\$7,621,164	\$21,860,737	\$11,339,044
		P-Sec.	1,325,519	33,561,542	4,360,557	1,463,734	33,927,270	4,922,870
		Adult	729,962	20,853,290	2,636,303	827,349	32,165,139	4,373,868

TABLE: 1 cont'd		DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS	
DEVIATIONS		COMMENT, SUMMARY & IMPLICATIONS	
01.0100	AGRICULTURAL PRODUCTION <u>SEC.</u> The 1978 projections underestimated the enrollment by 876 students.	01.0100 <u>SEC.</u> The original projections for Agricultural Production enrollment were made at state level and based upon E.S.C. Actual enrollments were based upon the local plans and reports and reflects a more accurate picture of enrollment. An increase in expenditures over those projected is in line with increased actual enrollment. The implications are that projected enrollments in the future will be more closely dependent upon local plan projections.	
01.0200	AGRI-SUPPLIES AND SERVICES <u>SEC.</u> Overprojections in enrollment and dollars. <u>P-SEC.</u> Decline in enrollment and completers from projected number. <u>ADULT</u> Enrollment was included in the number for post-secondary.	01.0200 <u>SEC.</u> The original projections were 106 over the actual enrollment for the State. Dollars spent were adjusted to lowered enrollment. <u>P-SEC.</u> Student interest in this curriculum of agricultural chemicals technology has declined and may be discontinued unless the interest increases. <u>ADULT</u> This curriculum in Farming does not lead to an associate degree. The data for this curriculum is now shown in the adult category.	
01.0300	AGRICULTURAL MECHANICS <u>SEC.</u> Enrollment for 1978 was overestimated by 2,317 statewide with proportionate dollars projected.	01.0300 <u>SEC.</u> The original projections at state level were 129 below actual enrollment. Dollars spent were adjusted upward to enrollment levels.	
01.0400	AGRICULTURAL PRODUCTS <u>SEC.</u> Enrollments were underprojected by 129 with projected dollars to support projected enrollment.	01.0400 <u>SEC.</u> While an enrollment of 342 was projected actual enrollment of 471 was reported; a difference of 129. Additional expenditures of \$37,975 were made in this program. An enrollment of 510 is projected in 1980, based upon employment opportunities and history of enrollments.	
01.0500	ORNAMENTAL HORTICULTURE <u>SEC.</u> Enrollments were overprojected by 343. Adjustments in expenditures were made which reflect a small difference in costs for ornamental horticulture. <u>P-SEC.</u> Completers. <u>ADULT</u> Completers.	01.0500 <u>SEC.</u> There were 343 fewer students enrolled in ornamental horticulture than was projected for 1978. The figure of 2,060 completers remained the number completing the program, of which approximately 1030 would be available for employment. The expenditures for ornamental horticulture vary from projections due to difference in costs for this program. <u>P-SEC.</u> Of the 395 enrolled, 243 were attending full-time, 141 were second-year students, 120 were employed full-time and 90 were employed part-time. From the data available, we cannot determine if the 130 completers would or would not be competing for the job openings. <u>ADULT</u> Of the 1,742 enrolled, 119 were enrolled in a vocational program; 61 were attending full-time and 41 were employed full-time and 21 part-time. Of the remaining 1,623 adults enrolled, 1,375 were taking course work to upgrade their skills. They averaged 194 hours of instruction for the year. Of the 1,623, 881 were employed full-time and 146 part-time. From the data available, we cannot determine if the 248 completers would or would not be competing for the job openings.	

TABLE: 1 cont'd

DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS	
DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>01.0600 AGRICULTURAL RESOURCES SEC. There were 122 fewer students enrolled than projected. Proportionately fewer dollars were spent.</p> <p>01.0700 FORESTRY SEC. Enrollment was overprojected by 255 for 1978. Likewise, funding was overprojected by \$36,817.</p>	<p>01.0600 SEC. Enrollments in Agricultural Resources were overprojected in 1978. Fewer dollars were spent due to less enrollment.</p> <p>01.0700 SEC. Enrollment in forestry was over projected by 255. Of the 477 completers shown approximately 225 will be available for employment. There were 36,817 fewer dollars expended due to less enrollment.</p>
<p>04.0100 ADVERTISING SERVICES AOULT Completers.</p> <p>04.02 APPAREL and ACCESSORIES SEC. Enrollment in this program was overprojected by 134. Completions were overprojected by 214.</p> <p>04.03 AUTOMOTIVE SEC. Both enrollment and completions were overestimated in the original 1978 Plan.</p> <p>04.0400 FINANCE AND CREDIT AOULT Completers.</p>	<p>04.0100 AOULT Of the 869 enrolled, 100 were enrolled in a vocational program of radio and TV broadcasting; 93 were attending class full-time and 21 were employed full-time and 22 part-time. Of the remaining 769 adults, 631 were employed full-time and 75 part-time. There were 731 enrolled in classes of up-grade their skills. They were enrolled for an average of 149 hours of instruction during the year. From the data available, we cannot determine if the 278 completers would or would not be competing for the job openings.</p> <p>04.02 SEC. Fewer students enrolled in apparel and accessories due to changing merchandising methods and fewer job placement opportunities. Completers were 214 less than projected. Expenditures represent adjustments in enrollment.</p> <p>04.0300 SEC. Both projected enrollment and completions were overprojected for 1978. The reduction in funding followed the reduction in enrollment.</p> <p>04.0400 AOULT This program is offered to provide up-grading training for cashiers and tellers who work for banks or savings and loan associations. Of the 2,678 enrolled 2,304 were employed full-time and 112 part-time. There were 1,957 enrolled to up-grade their skills. An average of 177 hours of instruction was given to this group. From the data available, we cannot determine if the 907 completers would or would not be competing for the job openings.</p>
<p>04.0600 FOOD DISTRIBUTION SEC. Enrollment in food distribution was underprojected for 1978, by 116 students. Funding was underprojected by \$36,335.</p> <p>04.0700 FOOD SERVICES SEC. A total of 262 more students were enrolled in this program than projected. Additional dollars were allotted.</p>	<p>04.0600 SEC. Actual figures for 1978 showed 116 more students enrolled than projected in food distribution, with an added cost of \$36,335. This segment of the labor market is projected to grow rather moderately but students find cooperative education opportunities in this segment. Enrollment projections have been increased for FY 1980.</p> <p>04.0700 SEC. Food services is a growing segment of the labor force and is growing at a more rapid rate than projected by E.S.C. Coop students find employment opportunities readily in food services, therefore the enrollment increase through the local planning process. Additional enrollments and completions on a statewide basis are projected for 1980 with an increase in estimated funding.</p>

TABLE: 1 cont'd

DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS

COMMENT, SUMMARY & IMPLICATIONS

04.0700 F000 SERVICES P-SEC. Enrollment. ADULT Enrollment. Incorrect coding.	04.0700 P-SEC. Of the 163 enrolled, 111 were employed full-time and 15 part-time. There were 44 pursuing the program on a full-time basis and only 3 were second-year students. ADULT This group of 11,500 has been incorrectly coded. It should be coded in 17.2900. Of this group of 11,500, 9,039 were taking courses to up-grade their skills, 6,678 were employed full-time. There were 2,823 inmates with in the correctional system receiving training as a cook or baker. There were 399 certificates of completion given to these inmates at the end of the spring quarter, 1978. From the data available we cannot determine if the 2,313 completers would or would not be competing for the 2,511 job openings listed in code 17.2900.
04.0800 GENERAL MERCHANDISE SEC. No significant deviations from projections.	04.0800 SEC. No significant differences, except a gradual increase in enrollments and funding are estimated for 1980, to meet new and replacement needs in the labor market.
04.0900 HARDWARE, BUILDING MATERIALS SEC. Fewer students enrolled and completed than was projected.	04.900 SEC. This program should be increased to meet demands, which are approximately twenty-five percent of the demands in area of general merchandise. Students who would usually appear in this program are classified under general merchandise since an increasing amount of hardware and building materials are handled by variety and discount stores. Projected enrollment, completions and funding have increased in the 1980 Plan.
04.1000 HOME FURNISHINGS SEC. A small program at secondary level. No significant difference in enrollment or funding. P-SEC. Incorrect coding.	04.1000 SEC. Enrollments are limited due to rather modest labor market demand and limited outlets. Due to changes in merchandising, many home furnishings and appliances are handled through general merchandising. There is little significant difference in enrollment and funding. P-SEC. In the preparation of the FY 1978 State Plan this data should have been deleted. It was included and correctly coded in 09.0204, Home Furnishings, Equipment and Services.
04.1100 HOTEL AND LODGING P-SEC. Completers.	04.1100 P-SEC. Completers from this program did not increase as it was anticipated. There were 102 enrolled full-time, 49 were enrolled in the second year of the program. There were 94 employed full-time and 22 part-time.
04.1200 INDUSTRIAL MARKETING SEC. Enrollment and funding were underprojected for 1978.	04.1200 SEC. A modest labor market demand exists for this category. Forty more students were enrolled than projected, with \$11,968 additional expenditures. An increase in enrollment and funding are projected for 1980.

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>04.1300 INSURANCE <u>P-SEC.</u> Completers. <u>ADULT</u> Completers.</p> <p>04.1700 REAL ESTATE <u>P-SEC.</u> Completers. <u>ADULT</u> Completers.</p> <p>04.2000 RETAIL TRADE, OTHER <u>SEC.</u> A deviation exists here with 747 fewer students enrolled than projected, with few dollars spent.</p>	<p>04.1300 <u>P-SEC.</u> Of the 49 enrolled, 45 were employed full-time and 3 were enrolled as full-time students. One student was in the second year of the program. <u>ADULT</u> Of the 754 enrolled, 726 were employed full-time and 459 were taking courses to up-grade their skills.</p> <p>04.1700 <u>P-SEC.</u> Of the 1,094 enrolled, 732 were employed full-time and 104 part-time, 137 were enrolled as full-time students and 171 were second-year students. <u>ADULT</u> Of the 6,773 enrolled, 4,449 were employed full-time and 4,786 were taking the course to up-grade their skills. The group averaged 173 hours of instruction. This area of employment has experienced an increase in the demand for personnel. It is an area that experiences a turn-over in personnel because most work for commissions. It is also an area that attracts some sales personnel as part-time workers. From the data available, it is not believed that the number of completers constitutes an over-supply.</p> <p>04.2000 <u>SEC.</u> Estimated enrollments were overprojected. Students generally are categorized in more definite programs of D.E. A large segment of the enrollment consisted of "Careers in Distribution" which is an exploratory course and should show no completers. Federal funds were not applied during 1978. A reduced number of enrollers who are in other types of retail trade have been projected for 1980.</p>
<p>07.0203 MEDICAL LABORATORY <u>P-SEC.</u> Realignment of data.</p> <p>07.0302 PRACTICAL NURSING <u>P-SEC.</u> Enrollment.</p> <p>07.0303 NURSING ASSISTANT (Aide) <u>SEC.</u> Fewer students enrolled and completed than were projected with slightly fewer dollars expended. <u>ADULT</u> Enrollment and completers.</p> <p>07.0600 OPHTHALMIC <u>P-SEC.</u> Enrollment.</p>	<p>07.0203 <u>P-SEC.</u> The enrollment for the Medical Laboratory Technician and the Certified Medical Laboratory Assistant programs were combined initially in the P-Sec. category. This data has been divided.</p> <p>07.0302 <u>P-SEC.</u> The enrollment shown includes students enrolled in a curriculum that has an option of the student completing the Practical Nurse curriculum on continuing in the Associate Degree Nursing curriculum. As the student select that option, the data will appear in the AD Nursing category.</p> <p>07.0300 <u>SEC.</u> Fifty-seven fewer students enrolled than were projected. These students were all in cooperative experiences.</p> <p><u>ADULT</u> It was projected that the supply of workers would be obtained from this code and 07.0906. Some of the enrollment was projected in 07.0906, Health Aide. The data was reported in code 07.0303. This employment area is one of low wages and high turn-over. In several areas of the State, there is greater demand than supply. The number of job openings does not reflect the high turn-over rate.</p> <p>07.0600 <u>P-SEC.</u> The enrollment for two programs, Opticianry Technology and Optical Laboratory Mechanic were combined in FY 1978. The Optical Laboratory student has the option of continuing in the Opticianry program. The data has been divided.</p>

TABLE: 1 cont'd			DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS	
DEVIATIONS			COMMENT, SUMMARY & IMPLICATIONS	
07.0707	MEDICAL EMERGENCY TECHNOLOGY ADULT Enrollment and completers.		07.0707 ADULT The enrollment and completions in this code reflects the training provided to volunteers who staff the 248 rescue squad units within the State. Except in a few metropolitan areas, emergency medical service is provided by volunteers. State law requires courses and on-the-job training to become qualified.	
07.0904	MEDICAL ASSISTANT SEC. This category was underprojected by 392 students. A difference of 1,590 appears under completions.		07.0904 SEC. Health Occupations Education at the secondary level in North Carolina provides basic and exploratory experiences in a wide array of health occupations and technologies and is mainly attuned to preparation of assistants, aides and for further training. Since most health technologies require certificates, license or a minimal length of clinical experience, the secondary level proposes to provide exploratory experience, with specific categories of training appearing at post secondary and adult levels. The largest enrollment appears as 07.0904, Medical Assistant which, at the secondary level, carries the connotation of exploratory experiences for a large number of health occupations. The large number of completers shown indicate those completing the course sequence, and is significantly greater than availability for work. Following 1978, no Federal funds have been applied to Health Occupations programs.	
07.9900	OTHER (HOME HEALTH AIDE) SEC. The enrollment was overprojected by 107. Reduced funding.		07.9900 SEC. Enrollment was overprojected at State level by 107. Funding was reduced by \$18,447. The projected enrollment as shown in 1980 Plan has been reduced to correct this deviation.	
07.9900	FIRST-AID ADULT Enrollment.		07.9900 ADULT A course in first-aid is provided for all individuals who feel they have need for such training.	
07.9900	SAFETY ADULT Enrollment.		07.9900 ADULT A course in safety is provided for individuals who determine they have need for such training.	
09.0201	CARE AND GUIDANCE OF CHILDREN SEC. Enrollments were overprojected by 280. Funding was overprojected.		09.0201 SEC. Actual enrollments as reported by LEAs were 280 less than State projections. Expenditures were likewise reduced. Projected enrollments for FY 1980 have been increased 156 above 1978 actual enrollments, due to employment opportunities. Estimated funding has increased for 1980.	
09.0202	CLOTHING MGMT., PRODUCTION SERVICES SEC. Enrollments were overprojected by 218. Funding was overprojected.		09.0202 SEC. Students did not choose to enroll in this program to the extent projected in the State Plan, or 218 fewer. Funding was reduced accordingly. State Plan projections for 1980 are at 1978 levels since there are employment opportunities.	
ADULT	Enrollment and completers.		ADULT The increase in the number enrolled and the number of completers is indicative of the high turn-over of those who are taught sewing skills and are employed in the garment industry. The number of job openings does not reflect this turn-over rate.	

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>09.0203 FOOD MGMT., PRODUCTION AND SERVICES <u>SEC.</u> Enrollment was underprojected by 74 with a minor adjustment to funding.</p> <p><u>P-SEC.</u> Enrollment.</p>	<p>09.0203 <u>SEC.</u> A slight increase of 74 in enrollment from projections. An increase to 1,700 students is projected for 1980, with an increase in estimated expenditures. Due to expanding opportunities in food preparation and fast foods services, enrollments and placements should increase.</p> <p><u>P-SEC.</u> The low enrollment in a Dietetic Technology program is a reflection of low student interest, primarily because of a low wage scale.</p>
<p>09.0204 HOME FURNISHINGS, EQUIPMENT, SERVICES <u>SEC.</u> Projected enrollment 65; actual 140, gain of 75. Expenditures increased from \$18,402 to \$37,031.</p> <p><u>ADULT</u> Completers.</p>	<p>09.0204 <u>SEC.</u> Projected enrollment was 65 while actual was 140, which is a more accurate reflection of local planning. Expenditures were increased to \$37,031 to cover added enrollment. Projected enrollment for 1980 remains stable at 140, partially due to low employment demand.</p> <p><u>ADULT</u> Of the 3,166 enrolled, 2,954 were enrolled to up-grade their skills. This group averaged 131 hours of instruction. From the available data, it cannot be determined if the completers would or would not be competing for the job openings.</p>
<p>09.0205 INSTITUTIONAL HOME MANAGEMENT <u>P-SEC.</u> and <u>ADULT</u> Enrollment.</p>	<p>09.0205 <u>P-SEC.</u> and <u>ADULT</u> For a number of years, consumer and homemaking enrollment has been reported with occupation home economics. In the FY 1978 State Plan an attempt was started to correct this reporting. In the process of change, the enrollments projected should have been deleted.</p>
<p>14.0100 ACCOUNTING AND COMPUTING <u>SEC.</u> Enrollments were underprojected by 461. Expenditures increased to meet added enrollment.</p> <p>14.0201 COMPUTER AND CONSOLE OPERATORS <u>SEC.</u> Enrollment was projected at 145 with projected funding. No enrollment was reported.</p> <p>14.0203 PROGRAMMERS <u>SEC.</u> Enrollment was projected at 1,202 with funding. No programs were offered under this category.</p> <p><u>P-SEC.</u> Enrollment and completers.</p>	<p>14.0100 <u>SEC.</u> Enrollment was 461 above projections, likewise, completers were more than projected. Expenditures increased by \$192,325 due to added costs of instruction. Projected enrollments and estimated expenditures have been increased for FY 1980, based upon local plans and employment opportunities.</p> <p>14.0201 <u>SEC.</u> Projected enrollment was erroneously based on previous reports. No program enrollment under this code and no fundings were made. No projections were made for FY 1980.</p> <p>14.0203 <u>SEC.</u> Enrollment was erroneously reported based on previous plans, coding and reports. No programs were coded under this code, therefore no expenditures were made. The FY 1980 Plan does not include enrollments or funds under this code at the secondary level.</p> <p><u>P-SEC.</u> Of the 2,649 enrolled, 1,244 were employed full-time and 494 part-time; 1,436 were pursuing the program on a full-time basis and 592 were in the second year of the program. From the available data, it cannot be determined if the completers would or would not be competing for the job openings.</p> <p><u>ADULT</u> It was projected that enrollment would occur in this code. It was reported in code 14.0299.</p>

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS COMMENT, SUMMARY & IMPLICATIONS

14.0299 OTHER BUSINESS DATA PROCESSING SEC. No enrollments projected under this code; reports show 1,425 enrolled with funding.	14.0299 SEC. A difference in previous coding and reporting led to no projections for 1978. Due to differences in new curriculum structure and coding, 1,425 students were actually enrolled with expenditures to accompany enrollment. This is reflected in the FY 1980 Plan and for future years. ADULT Of the 751 enrolled, 508 were enrolled to up-grade their skills, 545 were employed full-time and 45 part-time. With the technical development of mini-computers, more businesses and industries are using computers for record keeping and manufacturing and process control. A greater demand for personnel trained in data processing will result. From the available data it cannot be determined if the completers would or would not be competing for the job openings.
14.0300 FILING, OFFICE MACHINES, CLERICAL SEC. Enrollment was underprojected by 3,414. Funds were underprojected.	14.0300 SEC. This is the largest program in Business and Office at the secondary level. Due to errors in previous planning, coding, reporting and curriculum revisions, projections were far less than actual enrollments. Funds were increased to offset the coded enrollment. Projected enrollment is increased to 4,617 based upon plans and reports, with an increase in funding to meet enrollments. This is one of the larger areas of employment opportunities.
14.0600 PERSONNEL TRAINING AND RELATED SEC. Enrollment was 146 while projections were only 23 increase in funding.	14.0600 SEC. Projected enrollment was 123 less than actual. Expenditures increased by \$52,752. The FY 1980 Plan projects more accurate enrollment and expenditures. ADULT For lack of a category to classify this training, it has been included in this code. This training involves courses in personal grooming, personal attitudes, and relationships with co-workers. Since the training is directed toward developing the individual's personal skills, it is not directed toward any specific job competency.
14.0700 STENO, SECRETARIAL AND RELATED SEC. Projected enrollment was 313. Actual was 535. Expenditures increased.	14.0700 SEC. Enrollment was underprojected, based upon past coding and reporting. A total of 222 more were enrolled than projected, with additional expenditures. The employment opportunities are high in this program, therefore an increase in enrollment is projected for 1980 with sufficient estimated expenditures. Local education agencies will be encouraged to promote and increase enrollment.
14.0800 SUPERVISORY AND ADMINISTRATIVE MANAGEMENT P-SEC. Completers.	14.0800 P-SEC. Of the 16,508 enrolled, 15,782 were in Business Administration and 720 were enrolled in Paralegal Technology. Of the Business Administration students, 9,681 were employed full-time and 1,992 part-time; 4,139 were classified as second-year students. Of the Paralegal students, 251 were employed full-time and 164 part-time; 127 were classified as second-year students. From the data available, it cannot be determined if the completers would or would not be competing for the job openings. ADULT Of the 1,549 enrolled, 1,090 were enrolled to up-grade their skills, 1,312 were employed full-time and 56 part-time. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>14.0900 TYPING AND RELATED</p> <p>SEC. Enrollments under this code were underprojected for 1978 by 370. Expenditures were underestimated.</p> <p>ADULT Completers.</p> <p>14.9900 OTHER</p> <p>SEC. An enrollment of 3,229 was projected. No enrollment or expenditures reported.</p> <p>ADULT Enrollment.</p>	<p>14.0900</p> <p>SEC. Enrollments under this code were underestimated; likewise, estimated expenditures were underestimated. An increase to 650 in enrollment is projected in FY 1980 Plan with estimated expenditures to meet needs.</p> <p>ADULT Of the 3,873 enrolled, 2,350 were enrolled to up-grade their skills; 2,262 were employed full-time and 367 part-time. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p> <p>14.9900</p> <p>SEC. Planning and reporting in prior years included various business-related courses under 14.9900 "other." This code was included in 1978 Plan, but due to improvements in curriculum sequence and coding no enrollment was reported out for 1978. The FY 1980 Plan does not project enrollment under this code.</p> <p>14.9900</p> <p>ADULT Enrollment was projected in this code, but the actual enrollment has occurred in the other codes.</p>
<p>16.0106 CIVIL TECHNOLOGY</p> <p>ADULT Completers.</p> <p>16.0107 ELECTRICAL TECHNOLOGY</p> <p>16.0108 ELECTRONIC TECHNOLOGY</p> <p>ADULT Enrollment and completers.</p> <p>16.0111 INDUSTRIAL TECHNOLOGY</p> <p>P-SEC. Completers from five curriculums: Industrial Technology Industrial Maintenance Industrial Management Industrial Safety and Health Occupational Safety and Health</p> <p>16.9902 WATER/WASTE WATER TECHNOLOGY</p> <p>ADULT Enrollment.</p> <p>16.9900 OTHER</p> <p>P-SEC. Enrollment.</p>	<p>16.0106</p> <p>ADULT Of the 1,106 enrolled, 1,011 were employed full-time and 22 part-time; 783 were enrolled to up-grade their skills. This group averaged 194 hours of instruction. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p> <p>16.0107</p> <p>16.0108</p> <p>ADULT Data is collected jointly for these two codes. It is not possible to separate the enrollment and completers into the two codes from the data available. The data does indicate that of the 3,691 enrolled, 2,844 were enrolled to up-grade their skills; 3,402 were employed full-time and 78 part-time. The group averaged 234 hours of instruction. From the data available it cannot be determined if the completers would or would not be competing for the job openings.</p> <p>16.0111</p> <p>P-SEC. Of the combined enrollment of 2,731 for these five curriculums, 2,163 were employed full-time and 218 part-time; 974 were classified as second-year students. The completers from each of the curriculums represent different specialities. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p> <p>16.9902</p> <p>ADULT Projections of water treatment operator training had been omitted in the FY 1978 State Plan.</p> <p>16.9900</p> <p>P-SEC. Projections of enrollment in the General Occupational Technology program had been omitted in the FY 1978 State Plan. There is no projection of job openings for this code.</p>

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>17.0100 AIR CONDITIONING</p> <p>SEC. Actual enrollment was 50 more than the 80 projected. Expenditures increased from previous projections.</p> <p>ADULT Completers.</p>	<p>17.0100</p> <p>SEC. Air conditioning enrollment increased from 80 projected to 130 actual, responding to the employment demand. Additional expenditures were made for additional enrollment.</p> <p>ADULT Of the enrolled 2,532; 1,379 are vocational students and 1,153 are adults. Of the vocational students 751 were employed full-time and 191 part-time. There were 754 pursuing the program full-time. Of the adult enrollment, 989 were employed full-time and 38 part-time; 918 were enrolled to up-grade their skills. The adults averaged 254 hours of instruction. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p>
<p>17.0301 BODY AND FENDER REPAIR</p> <p>SEC. Projected enrollment was 414 while actual was 515. Additional expenditures.</p>	<p>17.0301</p> <p>SEC. Enrollment was under projected by 101. Additional expenditures of \$52,339 were applied. Additional students are projected for 1980 based upon actual enrollment by LEAs and employment demand.</p>
<p>17.0302 AUTO MECHANICS</p> <p>ADULT Completers.</p>	<p>17.0302</p> <p>ADULT The enrollment is composed of 4,311 vocational students and 5,095 adults. Of the vocational students, 2,176 were employed full-time and 560 part-time; there were 2,261 pursuing the program full-time. Of the adults, 173 were apprentices and 3,715 were enrolled to up-grade their skills. The adult group averaged 421 hours of instruction. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p>
<p>17.0399 OTHER AUTOMOTIVE</p> <p>SEC. A total of 1,761 enrollment was projected, while only 1,391 actual enrolled. Funding decreased accordingly.</p>	<p>17.0399</p> <p>SEC. This program consists of a variety of automotive services, and includes a number of students at the exploratory level. Total enrollment projection was 1,761 while actual was 1,391. This program is funded with State/Local dollars. Enrollment projections were reduced from 1978 level since projected employment opportunities are low.</p>
<p>ADULT Enrollment.</p>	<p>ADULT A new program was proposed but no enrollment was reported.</p>
<p>17.0400 AVIATION OCCUPATIONS</p> <p>SEC. Projected enrollment 353. Actual 423.</p>	<p>17.0400</p> <p>SEC. The projected enrollment was 353 while actual was 423. This program was mainly exploratory at secondary level but since has emerged into a 3-year sequence. Programs and enrollments are limited to schools near aviation facilities and co-op opportunities. Projected enrollment in 1980 is 425.</p>
<p>ADULT Completers.</p>	<p>ADULT Of those enrolled 1,314 were employed full-time and 104 part-time; 1,084 were enrolled to up-grade their skills. The group averaged 202 hours of instruction. Also included in the total enrolled was 10 vocational students in a airframe and powerplant curriculum. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p>
<p>17.0500 BLUEPRINT READING</p> <p>ADULT Enrollment.</p>	<p>17.0500</p> <p>ADULT Through an error, projection of enrollment was not made in the FY 1978 State Plan. This course develops supplemental skills for many occupations and it is not usually an occupation in itself.</p>

TABLE: 1 cont'd

DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS		COMMENT, SUMMARY & IMPLICATIONS
17.0600 BUSINESS MACHINE MAINTENANCE SEC. Projected enrollment, 70. Actual, 162.		17.0600 SEC. Projected enrollment was 70, while actual enrollment was 162. Additional dollars were expended for the larger enrollment. The need for business machines will continue to grow with expanding business and office occupations. The 1980 Plan reflects a small increase in enrollment.
ADULT Enrollment.		ADULT This program was proposed but no enrollment was reported.
17.0700 COMMERCIAL ART OCCUPATIONS SEC. Projected enrollment 242. Actual 126.		17.0700 SEC. This program has a record of low percentage of completers and placement. Actual enrollment was approximately one-half of projections. Enrollment projections are reduced in FY 1980 Plan. No Federal dollars are applied.
P-SEC. Enrollment and completers.		P-SEC. Of the 1,038 enrolled, 295 were employed full-time and 279 part-time; 556 were enrolled full-time and 194 were classified as second-year students. From the data available it cannot be determined if the completers would or would not be competing for the job openings.
17.0800 COMMERCIAL FISHERY OCCUPATIONS SEC. Projected enrollment was 75, while actual was only 16.		17.0800 SEC. Program enrollment was overprojected from 75 to actual enrollment of 16. Expenditures were reduced commensurate to enrollment. Although this is a much needed occupational area, school program sites are limited to nearby coastal areas. Equipment is expensive per student and the program probably has a low image. Program-wise, this has become a senior year option in Marine Occupations.
17.0900 COMMERCIAL PHOTOGRAPHY SEC. Projected enrollment 407. Actual, 237. Funding reduced.		17.0900 SEC. Commercial photography has become a senior-level option within the graphics cluster of curriculum structure. Projected enrollment has been adjusted to 250 in the 1980 Plan.
17.1004 MASONRY SEC. Projected enrollment, 5,197. Actual 4,797. Difference of 400.		17.1004 SEC. Masonry is one of more stable programs in enrollment and completions in trades programs. While a projection of 5,197 was made, actual enrollment was 4,797. No significant difference in funding. Masonry enrollment is projected 4,900 in 1980 Plan, based on reports, local plans, and labor market demands.
17.1099 OTHER CONSTRUCTION AND MAINTENANCE SEC. Projected enrollment, 9,061. Actual, 7,153. Funding reduced.		17.1099 SEC. Enrollment was overprojected statewide. Expenditures were less due to smaller enrollment. This is an introductory level program and should show no completers since it is basic to advanced building trades courses. Implications: The 1980 projected enrollment is more realistically set at 7,160 and the program is funded with State and local funds.
17.1200 DIESEL MECHANIC SEC. Projected enrollment, 19. Actual 37. Expenditures increased.		17.1200 SEC. While an enrollment of 19 was projected, an enrollment of 37 was reported. Curriculum is being restructured to make this a senior class option in auto mechanics. The need for diesel mechanics will increase with more diesel-powered vehicles. This is a highly skilled field of employment and students need advanced technical training. Projected enrollment is increased to 50 at the secondary level for 1980.

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>17.1200 DIESEL MECHANIC P-SEC. Enrollment.</p>	<p>17.1200 P-SEC. The enrollment of 290 was projected as the anticipated vocational enrollment. The actual vocational enrollment of 372 is shown in the adult category. There was not any reported enrollment in adult short-term courses.</p>
<p>17.1300 DRAFTING OCCUPATIONS SEC. Enrollment projected at 8,068. Actual was 6,984. Expenditures decreased.</p>	<p>17.1300 SEC. There is a trend toward reducing enrollments in drafting due to low placement rates. The projected completion of 500 was based on past records of availability for employment while the actual completions of 2,266 as shown represent those completing the sequence of courses. This program is used as a basic study to many trades courses where drafting and blueprint reading is an asset. Implications are to reduce enrollment and fund programs with State and local funds as shown in 1980 Plan.</p>
<p>P-SEC. Enrollment and completions in three curriculums: Furniture Drafting and Design Technology Mechanical Drafting and Design Technology Technical Illustrating</p>	<p>P-SEC. Of the 743 enrolled, 712 were in the Mechanical program, 20 in Furniture and 11 in Illustrating. The combined employment was 304 full-time and 182 part-time; 249 were classified as second-year students. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p>
<p>17.1400 ELECTRICAL OCCUPATIONS SEC. Projected enrollment, 108. Actual, 41. Expenditures decreased.</p>	<p>17.1400 SEC. Enrollment was over projected by 67. Students were mostly co-op students. Projected enrollment has been reduced in 1980 Plan to more accurately reflect local plans.</p>
<p>17.1500 ELECTRONICS OCCUPATIONS SEC. Projected enrollment, 103. Actual, 138.</p>	<p>17.1500 SEC. Enrollment was 35 higher than projected 103. Approximately 40% of enrollment were co-op students. Since this is a growing field of employment, enrollment projections have increased to 145 in 1980.</p>
<p>AOU LI Completers in three curriculums: Digital Electronic Repair Electronic Servicing Industrial Electronic Salvage</p>	<p>AOU LI Of the 1,480 enrolled, 1,005 were vocational students enrolled in three curriculums, 981 in Electronics, 10 in Digital and 14 in Industrial. There were 415 in the Electronics program employed full-time and 168 part-time. None of those in the Digital program were employed. There were 6 employed full-time and 3 part-time in the Industrial program. It is not possible to provide a breakout of data for the adult short-term courses at this time. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.</p>
<p>17.1600 FABRIC MAINTENANCE SEC. Projected enrollment, 40. Actual, 10. Expenditures reduced.</p>	<p>17.1600 SEC. This is a low image program, and even with fair employment opportunities, a significant increase in enrollment is difficult to achieve. The 10 enrolled were co-op students with only 5 completing the program.</p>
<p>17.1900 GRAPHIC ARTS OCCUPATIONS SEC. Projected enrollment, 1,876. Actual, 1,957. Expenditures increased.</p>	<p>17.1900 SEC. Graphic Arts enrollments were underprojected by 81. Additional expenditures were made for the additional enrollees. This is a popular program and has capabilities for training at secondary level for job entry. An enrollment of 1,950 has been projected for 1980 within the redesigned 3-year sequential program.</p>

TABLE: 1 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS		COMMENT, SUMMARY & IMPLICATIONS
17.2200 MARITIME OCCUPATIONS SEC. Projected enrollment, 206. Actual, 173.		17.2200 SEC. This segment of employment consists of a variety of occupations related to seacoast operations. Work opportunities are expected to grow in North Carolina as fisheries, ports and inland waterways expand. Programs are limited basically to coastal areas. An expanded enrollment of 200 is projected for 1980 with estimated expenditures for enrollment.
17.2302 MACHINE SHOP SEC. Projected enrollment, 792. Actual, 1,715. Increase in expenditures of \$366,882.		17.2302 SEC. The increase in enrollment from 792 to 1,715 may be attributed to inclusion in the final report of students in machine tool operation, metals, welding and cutting and other metal forming courses. An increase in expenditures resulted from an increase in enrollment under this category.
P-SEC. Enrollment.		P-SEC. Enrollment in curriculum of Machine Technology was omitted from the FY 1978 State Plan.
AOULT Completers.		AOULT Of the 2,023 enrolled, 1,337 are vocational students enrolled in a machinist program. Of the vocational students, 738 are employed full-time and 150 part-time. There were 646 enrolled full-time. Data on the 686 adults enrolled in short-term courses cannot be broken out at this time. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.
17.2305 SHEET METAL SEC. Projected enrollment, 115. Actual reported, 0. (See 17.2302)		17.2305 SEC. Although projected enrollment was 115, final reports showed 0. Enrollment and funding included in 17.2302.
AOULT Enrollment.		AOULT Enrollment was projected, but there was not any enrollment reported.
17.2306 WELDING AND CUTTING SEC. Projected enrollment, 981. Actual reported, 0. (See 17.2302)		17.2306 SEC. Enrollment and funding reported under 17.2302. Sheet metal, welding and cutting and other metal working occupations have been reported under 17.2302. Differences in both enrollment and expenditures have flowed to 17.2302. Projected enrollments and expenditures follow this pattern in FY 1980 Plan.
17.2699 OTHER PERSONAL SERVICES SEC. Projected enrollment, 330. Actual, 234. Decrease in expenditures.		17.2699 SEC. This cluster involves a variety of personal services, rather than services to business and industry. Of the actual enrollment of 234, 194 of these were co-op students working in various establishments. Expenditures reduced by \$22,818. Projected enrollment has been reduced to 240 for FY 1980.
17.2801 FIREFIGHTER TRAINING AOULT Completers.		17.2801 AOULT This training is provided primarily for volunteer firefighters. Of the 20,898 enrolled, 17,991 were employed full-time and 1,168 part-time; 18,571 were enrolled to up-grade their skills. The average number hours of instruction was 79 hours. From the data available, it cannot be determined if the completers would or would not be competing for the job openings.
17.2899 OTHER PUBLIC OCCUPATIONS SEC. Projected enrollment, 118. Actual, 185. Increase in expenditures.		17.2899 SEC. This cluster relates to employment in local, State, and Federal government agencies. Employment opportunities will increase in this sector. Based upon outlook, past records, and other factors, enrollment is projected for 1980 at 190.

TABLE: 1 cont'd

DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
17.2900 QUANTITY FOOD OCCUPATIONS <u>SEC.</u> Projected enrollment, 709. Actual, 808. Increase in funding.	17.2900 <u>SEC.</u> Enrollment increased above projections to 808, with an increase of \$62,869 in expenditures. Employment opportunities in quantity food occupations continue to increase. Projected enrollment for 1980 is 850, with an increase in funding.
<u>P-SEC. and ADULT</u> Enrollment.	<u>P-SEC. and ADULT</u> The vocational enrollment was included with the P-SEC. enrollment in the FY 1978 State Plan. The data has been separated in this report. The adult enrollment should have been larger (see comment for code 04.0700 Food Service). Subsequent reporting will be changed.
17.3100 SMALL ENGINE REPAIR <u>SEC.</u> Projected enrollment 1,723. Actual 1,145. Decrease in expenditures.	17.3100 <u>SEC.</u> Enrollment was 578 less than projected 1,723, with a decrease in expenditures of \$147,379. The projected enrollment for FY 1980 Plan is 1,200, based upon history of enrollments and employment opportunities. Increased expenditures are projected.
17.3300 TEXTILE PRODUCTION, FABRICATION <u>SEC.</u> Projected enrollment, 1,710. Actual, 2,228. Increase in expenditures.	17.3300 <u>SEC.</u> Textile production and employment opportunities continued to increase in 1978, following the 1975 recession. Enrollments were under-projected in the 1978 Plan. The increased enrollment may be attributed to job opportunities and to student co-op opportunities. The textile industry is one of the largest areas of job opportunities. A state-wide enrollment is projected to increase to 2,400 in 1980.
17.3400 LEATHER WORKING <u>ADULT</u> Enrollment.	17.3400 <u>ADULT</u> Enrollment was projected, but there was not any enrollment reported.
17.3500 UPHOLSTERING <u>SEC.</u> Projected enrollment, 84. Actual, 121. Increase in expenditures.	17.3500 <u>SEC.</u> Upholstering jobs follow the furniture and refinishing industries. There was an enrollment of 37 more than projected, due to a recovering furniture industry. Enrollment of 160 is projected for 1980, with comparable increase in expenditures.
17.3600 WOODWORKING <u>P-SEC.</u> Enrollment in Building Construction Technology.	17.3600 <u>P-SEC.</u> Data projected in this code has been re-classified and reported in code 17.1001.
99.0300 REMEDIAL <u>ADULT</u> Enrollment.	99.0300 <u>ADULT</u> Enrollment of 4,846 in the Human Resource Development program appears in this data. This program provides orientation and motivation training, basic education, career awareness, skill development, job placement, and 12 months of follow-up counseling for unemployed heads of households, homemakers and disadvantaged. Of those enrolled, approximately 66 percent received stipends, 20 percent were receiving welfare support and 19 percent were heads of households. During FY 1978 the students were predominately female (72 percent) and minority (60 percent).

SUMMARY OF PROGRAMS FOR SPECIAL GROUPS SECONDARY

The following summary is a further breakdown of the enrollment data as shown in Table 1 and the expenditure data in Table 1 or Table 3.

DISADVANTAGED

SEC. Table 15(a) in the 1978-82 Plan projected approximately 11,500 disadvantaged to be served, while the final report indicated 17,466 were served during FY 1978. Comparison of projected funding with actual indicates \$68,334 in additional Federal, State and local funds were spent.

LIMITED ENGLISH SPEAKING

SEC. Final reports indicate that 49 Limited English Speaking students were served at the secondary level. There were difficulties in arriving at a projected number during development of the FY 1978 Plan. Although only \$1,302 were projected, a total of \$6,436 was actually spent, as shown in Table 3.

HANDICAPPED

SEC. Programs, services and activities were provided for 3,656 handicapped students during 1978.

WORK-STUDY

SEC. There were 1,132 work-study students served in 130 participating local education agencies.

GROUP GUIDANCE

SEC. There were 113,038 students served in 1978 through group guidance activities, and for the purpose of assisting them in making an informed and meaningful occupational choice.

INDUSTRIAL ARTS

SEC. There were 11,148 students served by industrial arts as reported for 1978. This program was funded with State and local funds. This program helps prepare students to make occupational choices and also provides a foundation for advanced trade or technical training.

SUBPART 4 SPECIAL DISADVANTAGED

SEC. This program served 1,056 disadvantaged students in 30 qualifying LEAs. The programs, services and activities were designed to enable students to succeed in regular programs. This program was 100% Federally funded.

OTHER - NEC

SEC. A total of 1,655 students was served by special programs, services and activities, not elsewhere classified, but in areas of supportive services, computative skills and job placement related to vocational education.

SUMMARY OF PROGRAMS FOR SPECIAL GROUPS
POST-SECONDARY AND ADULT

The following summary is a further breakdown of the enrollment data as shown in Table 1 and the expenditure data in Table 1 or Tables 4 or 5.

DISADVANTAGED

P-SEC. and ADULT Additional programs, services or activities were provided for 8,732 enrolled in post-secondary and 37,773 adults. The expenditures for these groups are shown in Table 4 or 5.

LIMITED ENGLISH SPEAKING

P-SEC. and ADULT Additional programs, services or activities were provided for 59 enrolled in post-secondary and 403 enrolled in adult. The expenditures are shown in Table 4 or 5.

HANDICAPPED

P-SEC. and ADULT Additional programs, services or activities were provided for 1,799 enrolled in post-secondary and 7,006 in adult. Expenditures are shown in Table 4 or 5.

WORK-STUDY

P-SEC. and ADULT Work-study funds provided work experience for 193 vocational students (this data appears with the adult data). Data on expenditures was not collected. The data reported from the institutions shows 655 post-secondary students received benefits from work-study. However, the majority of this group was supported with College Work-Study funds.

COOPERATIVE EDUCATION

P-SEC. There were 916 students reported in cooperative education. Data was not collected on expenditures.

SUPPORT SERVICES FOR WOMEN

P-SEC. and ADULT Data has not been collected for this group.

DAY CARE SERVICES

P-SEC. and ADULT Funding for this category was used to support the instruction of students listed in code 09.0201 and also provide care for children of students in day care centers operated by an institution.

PROGRAM FOR HOMEMAKERS/HEADS OF HOUSEHOLD

P-SEC. and ADULT Programs, services and activities were provided for 243 homemakers and 115 heads of households. Expenditures are shown in Table 4 or 5. This program is an additional effort from the Human Resource Development program reported in code 99.03. A larger commitment of federal funds has not been made because the Human Resource Development programs serve the homemaker and heads of households and has been operating since 1969.

APPRENTICESHIP RELATED

ADULT Related instruction was provided for 1589 apprentices. Data is included in Table 1.

AMBULANCE ATTENDENT

ADULT This group is included in code 07.0707. The data cannot be divided between ambulance attendant and rescue squad personnel.

CORRECTIONS

P-SEC. and ADULT There are 74 enrolled in post-secondary programs, 1,194 enrolled in vocational programs and 1,250 enrolled in adult programs. The data is included in Table 1.

HUMAN RESOURCE DEVELOPMENT

ADULT There were 4,846 enrolled in this program. Follow-up counseling was provided for 4,749 that had completed the program in 1976-77. The data for this program is included in code 99.03.

NEW AND EXPANDING INDUSTRY

ADULT There were 2,238 enrolled in training to support new industry and 622 enrolled in training to support expanding industry. The data is included in Table 1.

SPECIAL PROGRAMS FOR THE DISADVANTAGED

P-SEC. and ADULT Programs, services and activities were provided for 786 enrolled in post-secondary programs and 10,830 adults. The data is included in Table 1.

CETA

P-SEC. and ADULT There were 1,084 post-secondary students and 1,144 vocational students enrolled as single referral students under the Comprehensive Education and Training Act. There were 360 adult students enrolled in CETA funded programs.

NORTH CAROLINA VOCATIONAL EDUCATION PLAN FOR MEETING CONSUMER AND HOMEMAKING NEEDS FY 1978

ENROLLMENTS

TABLE: 2

OE Code	Instructional Program Level and Type of Institution	Level	C C	T I	Enrollment		
					Projected	Actual	Difference
09.0101	Comprehensive Homemaking	Sec.			41,700	36,500	-5,200
		Adult 2/					
09.0102	Child Development	Sec.			3,950	2,602	-1,348
		Adult	X	X	2,000	952	-1,048
09.0103	Clothing and Textiles	Sec.			4,800	2,394	-2,406
		Adult	X	X	38,000	26,211	-11,789
09.0104	Consumer Education and Management	Sec.			11,400	811	-10,589
09.0106	Family Relationships	Sec.			11,990	7,044	-4,856
09.0107	Foods and Nutrition	Sec.			5,700	2,884	-2,816
		Adult	X	X	5,000	2,312	-2,688
09.0109	Housing and Home Furnishings	Sec.			2,550	1,294	-1,256
		Adult	X	X	0	2,743	+2,743
09.0199	Other, Personal Management for Wages and Careers	Sec.			890	600	-290
TOTAL		Sec.			82,980	54,129	-28,761
		Adult	X	X	45,000	32,218	-12,782

1/ Enrollments by unduplicated count

NORTH CAROLINA VOCATIONAL EDUCATION PLAN FOR MEETING CONSUMER AND HOME MAKING NEEDS FY 1978

FUNDING

TABLE: 2 cont'd

OE Code	Instructional Program Level and Type of Institution	Level	C C	T I	Projected Funding			Expenditures		
					Federal	State	Local	Federal	State	Local
09.0101	Comprehensive Homemaking	Sec.				\$5,096,975	\$2,081,943		\$5,660,055	\$2,341,110
		Adult								
09.0102	Child Development	Sec.			\$ 120,416	362,408	197,218	\$ 178,601	403,429	166,892
		Adult	X	X		13,333			29,494	15,723
09.0103	Clothing and Textiles	Sec.			146,312	440,342	239,629	164,324	371,238	153,551
		Adult	X	X		253,334			812,019	432,905
09.0104	Consumer Education and Management	Sec.			304,818	1,088,622	569,173	55,667	125,762	52,018
09.0106	Family Relationships	Sec.			365,395	1,100,103	598,607	483,430	1,092,313	451,815
		Sec.			173,762	522,958	284,587	197,958	447,222	184,980
09.0107	Foods and Nutrition	Adult	X	X		33,333			71,626	38,186
09.0109	Housing and Home Furnishings	Sec.			77,735	233,953	127,314	88,820	200,661	82,997
		Adult	X	X		0			84,978	45,304
09.0199	Other, Personal Management for Wages and Careers	Sec.			27,134	81,645	44,432	41,185	93,042	38,484
TOTAL	Sec.	Program Instruction			\$1,215,572	\$8,927,006	\$4,142,903	806,652	6,636,571	2,250,776
		Depressed Areas						403,328	1,757,151	221,071
		Adult	X	X		\$ 300,000			\$ 998,117	\$ 532,118

TABLE: 2 cont'd

DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS		COMMENT, SUMMARY & IMPLICATIONS
09.01	GENERAL	09.01
SEC.	Difference in codes, enrollment and funding. Projected enrollment count by duplicate count while actual enrollment is reported in unduplicated count.	SEC. Consumer and Homemaking was projected by State course number and course title in the 1978 State Plan, while all other programs were projected by 0. E. Code, unduplicated, at secondary, post-secondary and adult. The final enrollment at the secondary level was reported by unduplicated count and by 0. E. Code. Table 2 converts the duplicate count, by State course number, to unduplicated count by 0. E. Code. The State staff in Consumer and Homemaking and the publication, Vocational Education and Occupations, were consulted in the coding process. The 1979 and all subsequent annual plans will use unduplicated count for Consumer and Homemaking enrollment.
09.0101	COMPREHENSIVE HOMEMAKING	09.0101
SEC.	Difference in projected and actual enrollments.	SEC. Enrollments were projected on a duplicate count basis for courses in exploratory and introductory home economics, which were converted to 09.0101, Comprehensive Homemaking. The projected enrollment on a converted basis was 41,700 while the actual was 36,500.
09.0102	CHILD DEVELOPMENT	09.0102
SEC.	Drop in enrollment, from projected to actual.	SEC. Actual enrollment was 2,602 or 1,348 less than projected; however, expenditures were 68,880 more than projected due to higher costs.
09.0103	CLOTHING AND TEXTILES	09.0103
SEC.	Drop in enrollment from that which was projected.	SEC. Actual enrollment dropped, due to conversion to unduplicated count, from 4,800 to 2,394; or 2,406 less. Expenditures were \$137,170 less than projected.
09.0104	CONSUMER EDUCATION AND MANAGEMENT	09.0104
SEC.	Drastic drop in enrollment from that projected.	SEC. Due to curriculum restructure and conversion from projected enrollment by State course number to unduplicated 0. E. Code, the enrollment dropped from projections. Another factor is that consumerism is now incorporated into Comprehensive Homemaking and a significant portion of the enrollment went to 09.0101. Expenditures were less due to fewer students in this code.
09.0106	FAMILY RELATIONSHIPS	09.0106
SEC.	Drop in enrollment	SEC. The 1978 State Plan projected by duplicate count the enrollments in State courses, Advanced Interpersonal Relationships and Family Life Education. A drop from projected enrollment of 11,990 to actual of 7,044 resulted in 4,856 fewer students reported. A drop in expenditures resulted from decrease in enrollment.
09.0107	FOODS AND NUTRITION	09.0107
SEC.	A drop in enrollment from 5,700 to 2,884.	SEC. The drop in enrollment from that projected was due to curriculum restructuring and to conversion to 0. E. Code. Expenditures dropped accordingly.
09.0109	HOUSING AND HOME FURNISHINGS	09.0109
SEC.	A drop in enrollment.	SEC. The drop in enrollment was due to conversion to 0. E. Code from duplicate State course number. Part of the projected enrollment is included in 09.0101. Expenditures dropped with enrollment.
09.0199	OTHER, PERSONAL MANAGEMENT FOR WAGES AND CAREERS	09.0199
SEC.	A drop in enrollment.	SEC. This code represents the 1978 projected enrollment from two State courses. A drop in enrollment from 890 to 600 resulted from the conversion.

TABLE: 2 cont'd DEVIATIONS, COMMENTS, SUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>09.0199 HOUSING AND HOME FURNISHINGS ADULT Enrollment.</p>	<p>09.0199 ADULT Enrollment was not projected, but enrollment was reported.</p>
<p>09.01 TOTAL - CONSUMER AND HOME MAKING SEC. Difference in enrollment and funding.</p>	<p>09.01 SEC. The total projected enrollment in 1978 was for 82,980 on duplicate count, according to State courses. Conversion was made to unduplicate count by O. E. Code with a reported enrollment of 54,129. Estimated expenditures were \$14,285,481 while actual show \$12,075,549, of which \$2,381,550 were expended in depressed areas. Implications are that enrollment projections for 1980 State Plan will be made on unduplicated count.</p>

FUNDING BY PURPOSE AND STATE/LOCAL MATCHING FUNDS

Funding by the purpose of the Act is shown in Table 3 and 4. These tables indicate the minimum percentage of federal funding and the required state or local matching funds. Table 5 is a summary of post-secondary and adult and Table 6 is a summary of secondary, post-secondary and adult.

The projected funding in the FY 1978 State Plan was based upon preliminary information from the United States Office of Education. Prior to the beginning of the fiscal year, the federal grant was increased. The data shown in the FY 1978 State Plan has been modified in this report to reflect the increased funding level. The combined totals for post-secondary and adult (Table 5) must be used to determine minimum percentage and required matching.

LEVEL: SECONDARY

TABLE: 3

FUNDING BY PURPOSE AND STATE/LOCAL MATCHING FUNDS

P R O G R A M S E R V I C E	PROJECTED			ACTUAL			ACTUAL FEDERAL GRANT		UNEXPENDED BALANCE	
	FEDERAL	STATE	LOCAL	FEDERAL	STATE	LOCAL	FEDERAL	State/Local	Federal	State/Local
DISADVANTAGED										
Limited English Speaking	1,918,785 (651)	805,890 (274)	1,112,895 (377)	1,952,952 (3,218)	781,181 (1,287)	1,171,771 (1,931)	2,036,620 -	83,668 -	83,668 -	83,668 -
HANDICAPPED	959,393	402,945	556,448	683,723	277,998	416,997	1,018,310	334,587	334,587	334,587
SUBPART 2 (Section 120) SUBTOTAL	4,796,961	23,751,135	10,788,063	5,015,149	25,540,719	12,332,253	5,091,551	76,402	76,402	24,367
A. Vocational Education	4,636,010	19,988,801	10,058,208	4,855,897	21,157,258	11,377,029	4,855,897	- 0 -	- 0 -	- 0 -
B. Work-Study	127,616		52,124	70,754		53,061	127,616	56,862	56,862	24,369
C. Cooperative Education		(4,975,077)	(2,032,073)		(5,129,374)	(2,162,112)	- 0 -	- 0 -	- 0 -	- 0 -
D. Energy Education										
E. Construction										
F. Sex Bias Office Personnel	33,335			13,795		365,046	33,335	19,540	19,540	- 0 -
I. Industrial Arts		756,710	309,025		811,014					
J. Support Services for Women										
K. Day Care Services										
L. Programs/Homenakers, Head-House.										
102 a Administration State		2,131,246		74,703	2,282,814		74,703	- 0 -	- 0 -	- 0 -
Local		874,378	368,706		1,249,633	537,117				
SUBPART 3 (Section 130) SUBTOTAL	1,918,785	2,769,212	2,757,219	1,877,386	841,701	1,090,645	2,036,620	159,234	159,234	4,192
1. Research	177,553	63,786	6,979	139,823	42,548	32,160	177,553	37,730	37,730	4,192
2. Exemplary										
3. Curriculum Development		(250,000)		20,706	(226,485)		117,000	96,294	96,294	- 0 -
4. Guidance and Counseling	1,716,232	2,705,426	2,750,240	1,716,232	799,153	1,058,485	1,716,232	- 0 -	- 0 -	- 0 -
5. Preservice and Inservice Training	25,000	(120,000)		625	(136,240)		25,835	25,210	25,210	- 0 -
6. Grants (Overcome Sex Bias)										
102 a Administration State										
Local										
SUBPART 4 (Section 140) Special Program for Disadvantaged	395,246			356,495			395,568	27,083	27,083	- 0 -
SUBPART 5 (Section 150) Consumer/Homenaking Ancillary Services										
Program Instruction	1,215,572	8,927,006	4,142,903	806,657	6,636,571	2,250,776	1,209,985	- 0 -	- 0 -	- 0 -
Depressed Areas				403,328	1,757,151	1,221,071				
TOTAL	11,204,742	36,656,188	19,357,528	11,105,680	85,835,321	88,483,513	111,786,654	680,974	680,974	446,816

() = Non-Add

DEVIATIONS, SUMMARY and IMPLICATIONS (Cont'd.)

TABLE: 3 cont'd.

SECONDARY

DEVIATIONS	SUMMARY AND IMPLICATIONS
<p><u>SUB-PART 2 AND SET ASIDES</u></p> <p>Handicapped Disadvantaged Vocational Education - Regular Programs</p> <p>Administration</p> <p><u>SUB-PART 3</u></p> <p>Curriculum Development</p> <p><u>SUB-PART 5</u></p> <p>Federal Funds</p> <p>Depressed Areas</p> <p><u>TOTAL</u></p>	<p><u>Federal - Increase</u> The increase in Federal columns reflects the change in the Grant Award as received for 1978.</p> <p><u>State - Increase</u> The increase reflects additional appropriation from the State Legislature.</p> <p>The change reflects a different thinking as to the distribution of funds.</p> <p>The change was due to the need for development of additional curriculum materials.</p> <p>Decrease in Federal column reflects the change in the Grant Award as received for 1978.</p> <p>Additional line added to reflect the distribution in depressed areas.</p> <p><u>State - Local -- Decrease</u> Total State and Local decrease was due to overestimated cost of monthly salaries.</p> <p>The above explanations apply to tables 3, 6, 9, and 10.</p>

LEVEL: POST-SECONDARY/ADULT

TABLE: 4 FUNDING BY PURPOSE AND STATE/LOCAL MATCHING FUNDS

	POST-SECONDARY						ADULT					
	Projected			Actual			Projected			Actual		
	FEDERAL	STATE	LOCAL	FEDERAL	STATE	LOCAL	FEDERAL	STATE	LOCAL	FEDERAL	STATE	LOCAL
P R O G R A M S E R V I C E												
DISADVANTAGED	\$ 791,000	\$ 791,000	\$ 0	\$ 150,901	\$ 150,101		\$168,248	\$ 168,248		\$ 652,767	\$ 653,632	
Limited English Speaking	(208)	(208)	0	902	902		(44)	(44)		1,270	1,270	
HANDICAPPED	395,472	395,472	0	84,678	85,633		84,152	84,152		329,768	333,487	
SUBPART 2 (Section 120) SUBTOTAL	2,395,722	65,626,635	11,751,207	1,471,933	56,350,405	\$11,930,754	2,400	13,603,000	\$1,500,000	827,349	34,964,714	\$3,854,094
A. Vocational Education	2,029,471	44,360,000	5,800,000	1,463,734	33,927,270	4,922,870		9,500,000	1,200,000	827,349	31,167,022	3,641,750
B. Work-Study	51,207		51,207									
C. Cooperative Education		299,999										
D. Energy Education	12,820	660										
E. Construction	222,932	2,700,000	4,500,000			5,103,720						
F. Sex Bias Office Personnel	16,665			8,199								
I. Industrial Arts												
J. Support Services for Women	10,963	17,121										
K. Day Care Services	39,594	36,784										
-- Programs/Homemakers, Head-Home-	12,000	12,000		(16,269)	(16,100)		2,400	3,000				
102 a Administration State		1,900,000			1,731,073			400,000			385,218	
Local		17,300,000	1,400,000		15,937,299	1,904,164		3,700,000	300,000		3,411,974	12,364
SUBPART 3 (Section 130) SUBTOTAL	959,248	5,740,000		936,351	5,013,958	113,153		1,211,634			1,113,354	
1. Research	(128,257)	(30,366)		88,190	17,586							
2. Exemplary												
3. Curriculum Development		(400,000)			351,340							
4. Guidance and Counseling	873,133	5,670,000		830,939	4,645,029	113,153		1,200,000			1,113,354	
5. Preservice and Inservice Training	64,935	50,000						11,634				
6. Grants (Overcome Sex Bias)	21,180	20,330										
102 a Administration State				17,222								
Local												
SUBPART 4 (Section 140) Special Program for Disadvantaged	197,594			140,717								
SUBPART 5 (Section 150) Consumer/Homemaking Ancillary Services												
Program Instruction								300,000			998,117	522,118
Depressed Areas												
TOTAL	\$4,739,036	\$73,453,438	\$11,636,207	\$2,785,481	\$61,601,999	\$12,043,907	\$254,800	\$15,367,034	\$1,500,000	\$1,811,154	\$38,064,574	\$4,384,212

() = Non-Add

TABLE: 4 cont'd DEVIATIONS, COMMENTS, CUMMARY & IMPLICATIONS

DEVIATIONS	COMMENT, SUMMARY & IMPLICATIONS
<p>SUBPART 2</p> <p><u>VOCATIONAL EDUCATION</u> - Projected funding.</p>	<p>SUBPART 2</p> <p><u>VOCATIONAL EDUCATION</u> - Federal and State funding for technical and vocational programs was projected in the post-secondary data. Enrollment and funding data has been divided to show technical data separate from the vocational and adult data.</p>
<p><u>WORK-STUDY</u> - Actual funding.</p>	<p><u>WORK-STUDY</u> - Funding was projected, but a report of the expenditures was not collected. Conversation with institutional personnel would indicate expenditures were made.</p>
<p><u>COOPERATIVE EDUCATION</u> - Actual funding.</p>	<p><u>COOPERATIVE EDUCATION</u> - Funding was projected and expenditures have been made because several institutions employ co-op coordinators. Expenditure data was not collected.</p>
<p><u>ENERGY EDUCATION</u> - Actual funding.</p>	<p><u>ENERGY EDUCATION</u> - Funding was projected to improve the capability of the Air Conditioning and Refrigeration programs to offer course work in solar energy techniques. Expenditure data was not collected.</p>
<p><u>CONSTRUCTION</u> - Actual funding.</p>	<p><u>CONSTRUCTION</u> - Because of the time delay in plan preparation and approval, FY 1978 federal funds will be committed during FY 1979.</p>
<p><u>SEX EQUITY OFFICE</u> - Actual funding.</p>	<p><u>SEX EQUITY OFFICE</u> - This office was established under the supervision of the Title IX director, who assumed the role temporarily until an assistant director was employed. A director was employed, she transferred to another position within three months and the assistant director became the acting director. The unexpended funds are being used during FY 1979.</p>
<p><u>SUPPORT SERVICES FOR WOMEN</u> - Actual funding.</p>	<p><u>SUPPORT SERVICES FOR WOMEN</u> - Funding was projected, but expenditure data was not collected. Comment from institutional personnel indicates services were provided and expenditures were made.</p>
<p><u>DAY CARE SERVICES</u> - Actual funding.</p>	<p><u>DAY CARE SERVICES</u> - Funding was projected to support personnel costs of day care centers operated on campus. Expenditure data was not collected.</p>
<p>SUBPART 3</p> <p><u>PRE-SERVICE AND IN-SERVICE TRAINING</u> - Actual funding.</p>	<p>SUBPART 3</p> <p><u>PRE-SERVICE AND IN-SERVICE TRAINING</u> - Funding was projected, but expenditure data was not collected.</p>
<p><u>GRANTS (OVERCOME SEX BIAS)</u> - Actual funding.</p>	<p><u>GRANTS (OVERCOME SEX BIAS)</u> - Funding was projected, but expenditure data was not collected.</p>
<p><u>STATE ADMINISTRATION</u> - Projected funding.</p>	<p><u>STATE ADMINISTRATION</u> - Funding was required to establish a vocational education accountant's position.</p>

LEVEL: SUMMARY POST-SECONDARY/ADULT

TABLE: 5 FUNDING BY PURPOSE AND STATE/LOCAL MATCHING FUNDS

PROGRAM SERVICE	PROJECTED			ACTUAL		ACTUAL FEDERAL GRANT	UNEXPENDED BALANCE	
	FEDERAL	STATE	LOCAL	FEDERAL	STATE		FEDERAL	STATE/LOCAL
DISADVANTAGED	\$ 959,248	\$ 959,248		\$ 803,668	\$ 804,733	\$1,018,158	\$212,319	\$212,319
Limited English Speaking	(252)	(252)		2,171	2,172			
HANDICAPPED	479,624	479,624		414,446	419,120	509,079	94,633	94,633
SUBPART 2 (Section 120) SUBTOTAL	2,398,122	80,129,635	\$13,251,207	2,299,282	91,315,119	2,545,393	246,111	237,645
A. Vocational Education	2,029,471	53,860,000	7,000,000	2,291,083	65,094,292	2,291,083	0	
B. Work-Study	51,207		51,207					
C. Cooperative Education		200,000						
D. Energy Education	12,890	660						
E. Construction	222,932	2,700,000	4,500,000		4,754,763	237,645	237,645	
F. Sex Bias Office Personnel	16,665			8,199		16,665	8,466	0
I. Industrial Arts								
J. Support Services for Women	10,963	17,191						
K. Day Care Services	39,594	36,784						
L. Programs/Homenakers, Head-House.	14,400	15,000		(16,269)	(16,100)			
102 a Administration State		2,300,000			2,116,791			
Local		21,000,000	1,700,000		19,349,273			
SUBPART 3 (Section 130) SUBTOTAL	959,248	6,951,964	85,000	936,351	6,127,312	1,018,158	81,807	81,807
1. Research	(128,257)	(30,366)		88,190	17,589			
2. Exemplary								
3. Curriculum Development		(400,000)			351,340			
4. Guidance and Counseling	873,133	6,870,000	85,000	830,939	5,758,383			
5. Preservice and Inservice Training	64,935	61,634						
6. Grants (Overcome Sex Bias)	21,180	20,330		17,222				
102 a Administration State								
Local								
SUBPART 4 (Section 140) Special Program For Disadvantaged	197,594			140,717		196,755	56,038	0
SUBPART 5 (Section 150) Consumer/Homenaking								
Ancillary Services								
Program Instruction		300,000			990,117			
Depressed Areas								
TOTAL	\$4,993,836	\$88,820,471	\$13,336,207	\$4,596,635	\$99,666,573	\$5,287,543	\$690,908	\$626,404

() = Non-Add

TABLE: 5 cont'd	DEVIATIONS, COMMENTS, SUMMARY AND IMPLICATIONS	
Deviations	Comments, Summary and Implications	
<p>SUMMARY</p> <p>Projected, actual, actual federal grant and unexpended federal and state funds.</p>	SUMMARY	
	<p>Table 4 and Table 5 have been designed to provide a comparison of proposed and actual expenditures, and the level of State and local matching.</p>	
	<p>Table 6 further indicates the actual federal grant for FY 1978, the unexpended federal and state dollars. The federal dollars are available to the State for expenditure for one additional year. These funds are limited to expenditures for the subpart from which they were unexpended.</p>	

TABLE: 6

LEVEL: STATE SUMMARY

FUNDING BY PURPOSE AND STATE/LOCAL MATCHING FUNDS

P R O G R A M S E R V I C E	P R O J E C T E D			A C T U A L		A C T U A L F E D E R A L G R A N T	U N E X P E N D E D B A L A N C E	
	F E D E R A L	S T A T E	L O C A L	F E D E R A L	S T A T E		F E D E R A L	S T A T E / L O C A L
DISADVANTAGED	\$ 2,878,033	\$ 1,765,138	\$ 1,112,895	\$ 2,756,620	\$ 1,585,914	\$ 3,054,778	\$ 295,987	\$ 295,987
Limited English Speaking	(903)	(526)	(377)	(3,218)	(1,177)			
HANDICAPPED	1,439,017	882,569	556,448	1,098,169	697,118	1,527,389	429,220	429,220
SUBPART 2 (Section 120) SUBTOTAL	7,195,083	103,880,770	24,039,270	7,314,431	116,855,838	7,636,944	322,513	262,014
A. Vocational Education	6,665,481	73,848,801	17,058,208	7,146,980	86,251,550	7,146,980		
B. Work-Study	178,823		103,331	70,754		127,616	56,862	24,369
C. Cooperative Education		200,000	(2,032,073)		(5,129,374)			
D. Energy Education	12,890	660						
E. Construction	222,932	2,700,000	4,500,000		4,754,763	237,645	237,645	
F. Sex Bias Office Personnel	50,000			21,994		50,000	28,006	
I. Industrial Arts		756,710	309,025		811,014			
J. Support Services for Women	10,963	17,191						
K. Day Care Services	39,594	36,784						
L. Programs/Homemakers, Head-House.	14,400	15,000		(16,269)	(16,100)			
102 a Administration State		4,431,246		74,703	4,399,605	74,703		
Local		21,874,378	2,068,706		20,638,906	2,453,625		
SUBPART 3 (Section 130) SUBTOTAL	2,878,033	9,721,176	2,842,219	2,813,737	6,969,013	3,054,778	241,041	85,999
1. Research	(128,257)	(30,366)						
2. Exemplary	177,553	63,786		228,013	60,137	177,553	37,730	4,192
3. Curriculum Development		(650,000)		20,706	351,340			
4. Guidance and Counseling	2,589,365	9,575,426	2,835,240	2,547,171	6,557,536	1,716,232	96,294	
5. Preservice and Inservice Training	89,935	(120,000)		625	(136,240)	25,835	25,210	
6. Grants (Overcome Sex Bias)	21,180	20,330						
102 a Administration State				17,222				
Local								
SUBPART 4 (Section 140) Special Program for Disadvantaged	592,840							
SUBPART 5 (Section 150) Consumer/Homemaking								
Ancillary Services								
Program Instruction	1,215,572	9,227,006	4,142,903	806,657	7,634,688	1,209,985		
Depressed Areas				403,328	1,757,151			
TOTAL	\$16,198,578	\$125,476,659	\$32,693,735	\$15,702,315	\$135,501,894	\$17,074,197	\$1,371,882	\$1,073,220

() = Non-Add

STATE MAINTENANCE OF EFFORT

The following Table 7 indicates the expenditures of federal, state, and local funds for FY 1977 compared to the expenditures for FY 1978. The unexpended balance of federal funds for FY 1977 were used in FY 1978 and the unexpended balance of federal funds for FY 1978 will be spent in FY 1979. There was an 15.7 percent increase in State and local funding while the federal increase was 9.3 percent.

TABLE: 7

LEVEL: STATE

STATE MAINTENANCE OF EFFORT

		<u>Expenditures - FY 1977</u>		<u>Expenditures - FY 1978</u>	
		<u>Federal</u>	<u>State</u>	<u>Federal</u>	<u>State</u>
					<u>Unexpended</u>
Disadvantaged		(1,990,919)	(1,327,874)	(2,753,402)	(2,754,948)
Limited English Speaking				(5,389)	(5,390)
Handicapped		(1,327,279)	(561,684)	(1,098,169)	(1,114,115)
Subpart 2		13,891,568	126,413,387	11,171,390	139,809,757
Subpart 3		420,080	24,619	2,813,737	6,707,117
Subpart 4		592,839	0	507,202	0
Subpart 5		1,215,573	10,484,763	1,209,985	11,865,568
Total		16,120,060	136,922,769	15,702,314	158,382,442
Federal Grant		16,198,579		17,704,195	
					1,371,881

SUMMARY OF UNEXPENDED FEDERAL FUNDS EXPENDED IN FY 1978

	SECONDARY				POST-SECONDARY			
	FEDERAL FUNDS			STATE/ LOCAL MATCH	FEDERAL FUNDS			STATE/ LOCAL MATCH
	BALANCE FORWARD	EXPENDED	UNEXPENDED		BALANCE FORWARD	EXPENDED	UNEXPENDED	
Subpart 2								
Part B					\$ 11,329		\$11,329***	
Disadvantaged					119,302	\$119,302**		
Handicapped	\$281,394	\$281,394		\$249,420*				
Part G (Co-Op)	18,940		\$18,940		32,630	26,998	5,632	
Part H (Work-Study)					52,018	24,824	27,194	\$6,206
Subpart 3								
Part C (Research)					14,811	14,811		
Part D (Exemplary)	9,390		9,390		10,688	4,665	6,023	
Subpart 4								
Part 102b	39,746	39,746			38,339	38,339	2	
TOTAL	\$349,470	\$321,140	\$28,330	\$249,420	\$240,778	\$228,937	\$50,180	\$6,206

*\$ 31,974 obligated prior to October 1, 1977; therefore, no direct match was required.

**\$119,302 obligated prior to October 1, 1977; therefore, no direct match was required.

***\$ 11,329 obligated prior to October 1, 1977.

TABLE: 7 cont'd	DEVIATIONS, COMMENTS, SUMMARY AND IMPLICATIONS
Deviations	Comments, Summary and Implications
EXPENDITURES - FEDERAL, STATE AND LOCAL	EXPENDITURES
FY 1977	This table indicates a comparison between expenditures under the Vocational Amendments of 1968 and the Amendments of 1976. Grants for similar purposes of the two Acts are indicated under the correct subpart designation of the present law.
FY 1978	The disadvantaged, limited English speaking and handicapped funds shown in parentheses are included in the total for Subpart 2.
	The actual federal grant for each FY is shown at the bottom of the table.
	The federal unexpended funds for FY 1978 will be spent in FY 1979.

MINIMUM PERCENTAGES OF BASIC GRANT 1977-78 (FY 1978)

The following Table 8 shows the minimum amounts of funds that were to be expended for various purposes. Tables 3, 4, 5 and 6 indicate the actual expenditures and the purposes for which the funds were used.

The limited English speaking expenditure data was the minimum calculated to be expended. The actual expenditure was larger than what had been projected.

TABLE: 8
LEVEL: STATE

MINIMUM PERCENTAGES OF BASIC GRANT 1977-78

	Basic Grant	Sex Bias	Disadvantaged 20%	Handicapped 10%	Post-Secondary 15%	Subpart 2 80%	Subpart 3 20%
Total Grant	\$15,273,887	\$50,000	\$3,054,777	\$1,527,389	\$2,291,083	\$5,295,861	\$3,054,777
Post-Secondary	5,090,786	16,665	1,018,157	509,079	2,291,083	237,645	1,018,157
Secondary	10,183,101	33,335	2,036,620	1,018,310	0	5,058,216	2,036,620

Special Needs (Subpart 4)

Total Grant	\$ 590,323
Post-Secondary	196,755
Secondary	393,568

Consumer and Homemaking (Subpart 5)

Total Grant	\$ 1,209,985
Post-Secondary	0
Secondary	1,209,985

Limited English Speaking (To be expended from Disadvantaged Funds)

Total Grant	\$ 903
Post-Secondary	252
Secondary	651

STATE BOARD OF EDUCATION
ESTIMATED ALLOCMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(a)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT				ESTIMATED MONTHS IF ADD.			ESTIMATED PAYABLE REIMBURSEMENT			
	IF NO ADDITIONAL APPROPRIATION			APPROPRIATION IS RECEIVED				Total			Total			
	State	Federal	Total	State	Federal	Local	Total	State	Federal	Total	State	Federal	Local	Total
010 Alamance	434.5	80	514.5	435,087	80,108	119,879	447.0	447.0	80	527	447,603	80,108	122,791	
011 Burlington	223.5	52	275.5	223,802	52,070	64,192	262.5	262.5	52	314.5	262,854	52,070	73,279	
020 Alexander	130.0	31.5	161.5	130,176	31,543	37,630	150.5	150.5	31.5	182	150,703	31,543	42,406	
030 Alleghany	86	13	99	86,116	13,018	23,067	93	93	13	106	93,126	13,018	24,698	
040 Anson	202	40	242	202,273	40,054	56,386	212	212	40	252	212,286	40,054	58,716	
050 Ashe	237.5	38	275.5	237,821	38,051	64,192	260	260	38	298	260,351	38,051	69,434	
060 Avery	88	22.5	110.5	88,119	22,530	25,747	90.5	90.5	22.5	113	90,622	22,530	26,329	
070 Beaufort	151	32.5	183.5	151,204	32,544	42,756	154.5	154.5	32.5	187	154,709	32,544	43,571	
071 Washington	104	25.5	129.5	104,140	25,534	30,174	117	117	25.5	142.5	117,158	25,534	33,203	
080 Bertie	187.5	39	226.5	187,753	39,053	52,775	195	195	39	234	195,263	39,053	54,522	
090 Bladen	226	52	278	226,305	52,070	64,774	235	235	52	287	235,317	52,070	66,871	
100 Brunswick	189	48	237	189,255	48,065	55,221	221.5	221.5	48	269.5	221,799	48,065	62,794	
110 Buncombe	552	171.5	723.5	552,745	171,732	168,576	690.5	690.5	171.5	862	691,432	171,732	200,846	
111 Asheville	196.5	47	243.5	196,765	47,063	56,736	203	203	47	250	203,274	47,063	58,250	
120 Burke	387	85.5	472.5	387,522	85,615	110,093	423.5	423.5	85.5	509	424,072	85,615	118,597	
130 Cabarrus	266	52	318	266,359	52,070	74,094	292	292	52	344	292,394	52,070	80,152	
131 Concord	120	18	138	120,162	18,024	32,154	127	127	18	145	127,171	18,024	33,785	
132 Kannapolis	163.5	30.5	194	163,721	30,541	45,202	172	172	30.5	202.5	172,232	30,541	47,183	
140 Caldwell	376.5	88	464.5	377,008	88,119	108,229	417	417	88	505	417,563	88,119	117,665	
150 Camden	50	8.5	58.5	50,068	8,511	13,631	51.5	51.5	8.5	60	51,570	8,511	13,980	

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1977-78
FOR SUB-PARTS 2, 3 & 5
SECONDARY

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STATE BOARD OF EDUCATION
ESTIMATED ALLOCMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(b)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT			ESTIMATED MONTHS IF ADD.		ESTIMATED PAYABLE REIMBURSEMENT			
	IF NO ADDITIONAL APPROPRIATION			PAYABLE REIMBURSEMENT			APPROPRIATION IS RECEIVED		PAYABLE REIMBURSEMENT			
	State	Federal	Total	State	Federal	Local	State	Federal	Total	State	Federal	Local
160 Carteret	176.5	45.5	222	176,738	45,561	51,726	219	45.5	264.5	219,296	45,561	61,629
170 Caswell	130.5	28	158.5	130,676	28,038	36,931	142	28	170	142,192	28,038	39,610
180 Catawba	313	78.5	391.5	313,423	78,606	91,220	364	78.5	442.5	364,491	78,606	103,103
181 Hickory	139.5	36	175.5	139,688	36,049	40,892	165.5	36	201.5	165,723	36,049	46,950
182 Newton	91	19.5	110.5	91,123	19,526	25,747	94.5	19.5	114	94,628	19,526	26,562
190 Chatham	227	40.5	267.5	227,306	40,555	62,328	236.5	40.5	277	236,819	40,555	64,541
200 Cherokee	90.5	27	117.5	90,622	27,036	27,378	107.5	27	134.5	107,645	27,036	31,339
210 Chowan	91	18	109	91,123	18,024	25,397	94	18	112	94,127	18,024	26,096
220 Clay	64.5	9.5	74	64,587	9,513	17,242	71.5	9.5	81	71,597	9,513	18,873
230 Cleveland	241	59	300	241,325	59,080	69,900	275	59	334	275,371	59,080	77,822
231 Kings Mountain	122	26.5	148.5	122,165	26,536	34,601	120.5	26.5	155	128,673	26,536	36,115
232 Shelby	127.5	29	156.5	127,672	29,039	36,465	139	29	168	139,188	29,039	39,144
240 Columbus	366	66.5	432.5	366,494	66,590	100,773	386.5	66.5	453	387,022	66,590	105,549
241 Whiteville	91	21.5	112.5	91,123	21,529	26,213	95	21.5	116.5	95,128	21,529	27,145
250 Craven	250	44	294	250,338	44,059	68,502	260	44	304	260,351	44,059	70,832
251 New Bern	184	37.5	221.5	184,248	37,551	51,610	192	37.5	229.5	192,259	37,551	53,474
260 Cumberland	775	214	989	776,046	214,289	230,437	1,033	214	1,247	1,034,395	214,289	290,551
261 Fayetteville	247.5	73	320.5	247,834	73,099	74,677	348.5	73	421.5	348,970	73,099	98,210
270 Currituck	65.5	13	78.5	65,588	13,018	18,291	73.5	13	86.5	73,599	13,018	20,155
280 Dare	54	11	65	54,073	11,015	15,145	60.5	11	71.5	60,582	11,015	16,660

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1977-78
FOR SUB-PARTS 2, 3 & 5
SECONDARY

TABLE: 9(b) cont'd

REIM. RATE	L E A	MONTHS OF EMPLOYMENT					ESTIMATED REIMBURSEMENT					
		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		LOCAL
					EDA COUNTIES	OTHER COUNTIES				EDA COUNTIES	OTHER COUNTIES	
68%		202.5	30.5	10.5	4.5		158,924	29,782	10,199	6,746		96,006
74%		137	18.5	6.5	3.5		117,006	19,659	6,876	5,710		52,056
68%		346	50.5	18		11	271,544	49,312	17,484		11,326	164,720
68%	Hickory	146.5	22.5	7.5		4	114,975	21,971	7,285		4,118	69,875
68%	Newton	92.5	12.5	4.5		2.5	72,595	12,206	4,371		2,574	43,357
68%	Chatham	237	19.5	9		11.5	186,000	19,041	8,742		11,840	107,232
74%	Cherokee	101	19	6	2		86,260	20,190	6,347	3,263		40,261
72%	Chowan	94	11.5	4	2.5		78,112	11,890	4,114	3,968		37,938
74%	Clay	71.5	7	2	.5		61,065	7,438	2,116	816		25,478
72%	Cleveland	264.5	40.5	13.5		6	219,794	41,873	13,884		6,541	109,918
72%	Kings Mountain	123.5	17.5	6		3	102,626	18,093	6,171		3,270	50,810
72%	Shelby	133.5	21	6.5		1.5	110,936	21,712	6,685		1,635	55,044
74%	Columbus	387	40	15	11		330,521	42,505	15,867	17,944		142,487
74%	Whiteville	93	13	5	3.5		79,428	13,814	5,289	5,710		36,015
70%	Craven	259.5	32	10		2.5	209,650	33,766	9,999		2,650	110,331
70%	New Bern	188.5	26	8.5		3.5	152,289	26,135	8,499		3,710	82,204
70%	Cumberland	960.5	127	49.5		41.5	775,988	127,659	49,495		43,985	427,713
70%	Fayetteville	305.5	43.5	16		11.5	246,813	43,726	15,998		12,189	136,643
70%	Currituck	67	7.5	3	2		54,129	7,539	3,000	3,086		28,853
68%	Dare	59	6.5	2.5	2		46,304	6,347	2,428	2,998		27,098

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(c)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT			ESTIMATED MONTHS IF ADD.			ESTIMATED PAYABLE REIMBURSEMENT		
	IF NO ADDITIONAL APPROPRIATION			PAYABLE REIMBURSEMENT			APPROPRIATION IS RECEIVED			PAYABLE REIMBURSEMENT		
	State	Federal	Total	State	Federal	Local	State	Federal	Total	State	Federal	Local
290 Davidson	398.5	94	492.5	399,038	94,127	114,753	467.5	94	561.5	468,131	94,127	130,830
291 Lexington	105	24.5	129.5	105,142	24,533	30,174	123	24.5	147.5	123,166	24,533	34,368
292 Thomasville	92	19.5	111.5	92,124	19,526	25,980	100	19.5	119.5	100,135	19,526	27,844
300 Davie	133.5	29	162.5	133,680	29,039	37,863	150	29	179	150,203	29,039	41,707
310 Duplin	321	66.5	387.5	321,433	66,590	90,288	333.5	66.5	400	333,950	66,590	93,200
320 Durham County	370	111.5	481.5	370,500	111,651	112,190	466	111.5	577.5	466,629	111,651	134,558
321 Durham City	308.5	69	377.5	308,916	69,093	87,958	316	69	385	316,427	69,093	89,705
330 Edgecombe	200	52.5	252.5	200,270	52,571	58,833	204.5	52.5	257	204,776	52,571	59,881
331 Tarboro	86	27.5	113.5	86,116	27,537	26,446	101.5	27.5	129	101,637	27,537	30,057
340 Forsyth	1,083.5	276	1,359.5	1,084,963	276,373	316,764	1,360	276	1,636	1,361,836	276,373	381,188
350 Franklin	148.5	37	185.5	148,700	37,050	43,222	159	37	196	159,215	37,050	45,668
351 Franklinton	60	10.5	70.5	60,081	10,514	16,427	64.5	10.5	75	64,587	10,514	17,475
360 Gaston	967	216	1,183	968,305	216,292	275,639	1,007.5	216	1,223.5	1,008,860	216,292	285,076
370 Gates	69.5	13	82.5	69,594	13,018	19,223	71	13	84	71,096	13,018	19,572
380 Graham	87	11	98	87,117	11,015	22,834	96	11	107	96,130	11,015	24,931
390 Granville	214.5	48.5	263	214,790	48,565	61,279	229.5	48.5	278	229,810	48,565	64,774
400 Greene	120	27.5	147.5	120,162	27,537	34,368	125.5	27.5	153	125,669	27,537	35,649
410 Guilford	652	162.5	814.5	652,880	162,719	189,779	778.5	162.5	941	779,551	162,719	219,253
411 Greensboro	656.5	177.5	834	657,386	177,740	194,322	836	177.5	1,013.5	837,129	177,740	236,146
412 High Point	227	63.5	290.5	227,306	63,586	67,687	295.5	63.5	359	295,899	63,586	83,647

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1977-78
FOR SUB-PARTS 2, 3 & 5
SECONDARY

TABLE: 9(c) cont'd

REIM. RATE	L E A	MONTHS OF EMPLOYMENT					ESTIMATED REIMBURSEMENT					
		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		LOCAL
					FDA COUNTIES	OTHER COUNTIES				FDA COUNTIES	OTHER COUNTIES	
70%	Davidson	445	60.5	21.5		13	359,516	60,814	21,498		13,778	195,982
70%	Lexington	111	14	5.5		4.5	89,677	14,073	5,499		4,769	48,996
70%	Thomasville	94.5	12	4.5		3	76,347	12,062	4,500		3,180	41,374
68%	Davie	143	18.5	6.5		4	112,228	18,065	6,314		4,118	66,585
72%	Duplin	332	46	15.5	6.5		275,885	47,560	15,941	10,317		135,492
68%	Durham County	438.5	73	25.5		14.5	344,139	71,282	24,769		14,929	213,497
68%	Durham City	317	43.5	15.5		9	248,788	42,476	15,055		9,266	149,041
72%	Edgecombe	204.5	34.5	12	6		169,935	35,670	12,342	9,523		87,054
72%	Tarboro	94.5	18.5	6.5	3		78,528	19,127	6,685	4,762		41,494
68%	Forsyth	1,247.5	167	62		44.5	979,050	163,070	60,222		45,817	588,810
74%	Franklin	151	24	8.5	4.5		128,963	25,503	8,992	7,341		59,134
74%	Franklin	64.5	6.5	2.5	1.5		55,087	6,907	2,645	2,447		23,591
70%	Gaston	982.5	158	49	8.5		793,762	158,820	48,995	13,117		434,790
74%	Gates	71	8	3	2		60,638	8,501	3,173	3,263		26,421
74%	Graham	96	7.5	2.5	1		81,990	7,970	2,645	1,631		33,656
74%	Granville	219.5	30.5	11		7	187,466	32,410	11,636		7,843	84,297
74%	Greene	122.5	17.5	6	3		104,622	18,596	6,347	4,894		46,866
68%	Guilford	721.5	97.5	36.5		27	566,240	95,206	35,453		27,799	341,633
68%	Greensboro	759.5	114.5	40		21	596,063	111,806	38,853		21,622	361,957
68%	High Point	270	33.5	14		15	211,899	32,712	13,598		15,444	128,717

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(d)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT			ESTIMATED MONTHS IF ADD.			ESTIMATED PAYABLE REIMBURSEMENT		
	IF NO ADDITIONAL APPROPRIATION			PAYABLE REIMBURSEMENT			APPROPRIATION IS RECEIVED			PAYABLE REIMBURSEMENT		
	State	Federal	Total	State	Federal	Local	State	Federal	Total	State	Federal	Local
420 Halifax	270.5	59.5	330	270,865	59,580	76,890	278.5	59.5	338	278,876	59,580	78,754
421 Roanoke Rapids	61.5	21.5	83	61,583	21,529	19,339	84.5	21.5	106	84,614	21,529	24,698
422 Weldon	60	12.5	72.5	60,081	12,517	16,893	62.5	12.5	75	62,584	12,517	17,475
430 Harnett	326.5	75.5	402	326,941	75,602	93,666	364.5	75.5	440	364,992	75,602	102,520
440 Haywood	318	61.5	379.5	318,429	61,583	88,424	330.5	61.5	392	330,946	61,583	91,336
450 Henderson	178.5	53.5	232	178,741	53,572	54,056	235.5	53.5	289	235,818	53,572	67,337
451 Hendersonville	42	12	54	42,057	12,016	12,582	53.5	12	65.5	53,572	12,016	15,262
460 Hertford	160.5	37	197.5	160,717	37,050	46,018	170	37	207	170,230	37,050	48,231
470 Hoke	150	30.5	180.5	150,203	30,541	42,057	154.5	30.5	185	154,709	30,541	43,105
480 Hyde	49	9	58	49,066	9,012	13,514	51	9	60	51,069	9,012	13,980
490 Iredell	304.5	66	370.5	304,911	66,089	86,327	325.5	66	391.5	325,939	66,089	91,220
491 Mooresville	59.5	16	75.5	59,580	16,022	17,592	75	16	91	75,101	16,022	21,203
492 Statesville	92	24	116	92,124	24,032	27,028	113.5	24	137.5	113,653	24,032	32,038
500 Jackson	111.5	30.5	142	111,651	30,541	33,086	116	30.5	146.5	116,157	30,541	34,135
510 Johnston	450	104.5	554.5	450,608	104,641	129,199	466.5	104.5	571	467,130	104,641	133,043
520 Jones	114.5	16	130.5	114,655	16,022	30,407	124	16	140	124,167	16,022	32,620
530 Lee/Sanford	184	52.5	236.5	184,248	52,571	55,105	227.5	52.5	280	227,807	52,571	65,240
540 Lenoir	340	48	388	340,459	48,065	90,404	369	48	417	369,498	48,065	97,161
541 Kinston	141.5	35.5	177	141,691	35,548	41,241	160	35.5	195.5	160,216	35,548	45,552
550 Lincoln	195.5	57	252.5	195,764	57,077	58,833	248	57	305	248,335	57,077	71,065

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1977-78
FOR SUB-PARTS 2, 3 & 5
SECONDARY

TABLE: 9(d) cont'd

REIM. RATE	L E A	MONTHS OF EMPLOYMENT					ESTIMATED REIMBURSEMENT					
		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		
					EDA COUNTIES	OTHER COUNTIES				EDA COUNTIES	OTHER COUNTIES	
72%	Halifax	278	40	13.5	6.5		231,012	41,356	13,884	10,317		114,491
72%	Roanoke Rapids	77.5	15.5	5	1		64,401	16,026	5,142	1,587		33,534
72%	Weldon	62.5	8	3	1.5		51,936	8,271	3,085	2,381		25,405
74%	Harnett	345.5	41	17		17.5	295,078	43,568	17,983		19,608	132,421
70%	Haywood	330	38.5	14	9.5		266,607	38,700	13,998		10,069	142,269
68%	Henderson	216.5	34.5	12	7		169,911	33,688	11,656		7,207	104,522
68%	Hendersonville	49	8	2.5		1.5	38,456	7,812	2,428		1,544	23,614
72%	Hertford	163.5	23.5	8.5	5		135,865	24,297	8,742	7,936		67,915
74%	Hoke	156	19	6.5	3.5		133,233	20,190	6,876	5,710		58,190
72%	Hyde	50.5	6.5	2	1		41,964	6,720	2,057	1,587		20,324
70%	Iredell	316	40.5	15		11	255,296	40,710	14,998		11,659	138,821
70%	Mooreville	69.5	9.5	3.5		3	56,149	9,549	3,500	3,180		31,031
70%	Statesville	106.5	16	5.5		3	86,041	16,083	5,499	3,180		47,544
70%	Jackson	114.5	20	7	4		92,505	20,104	6,999	6,172		52,806
70%	Johnston	458.5	70	23.5	10		381,004	72,374	24,169	15,872		190,366
72%	Jones	124	8	3.5	4.5		103,042	8,271	3,600	7,142		47,422
70%	Lee/Sanford	214	33.5	12		7.5	172,891	33,674	11,999		7,949	96,902
70%	Lenoir	369	31	11		6	298,115	31,161	10,999		6,359	151,342
70%	Kinston	151	23.5	8		4	121,993	23,622	7,999		4,240	67,686
72%	Lincoln	231.5	41.5	13	3		192,372	42,907	13,370	4,762		97,893

STATE BOARD OF EDUCATION
ESTIMATED ALLOCMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(e)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT			ESTIMATED MONTHS IF ADD. APPROPRIATION IS RECEIVED			ESTIMATED PAYABLE REIMBURSEMENT		
	IF NO ADDITIONAL APPROPRIATION											
	State	Federal	Total	State	Federal	Local	State	Federal	Total	State	Federal	Local
560 Macon	106.5	26	132.5	106,644	26,035	30,873	109	26	135	109,147	26,035	31,455
570 Madison	128.5	26.5	155	128,673	26,536	36,115	138.5	26.5	165	138,687	26,536	38,445
580 Martin	184	44.5	228.5	184,248	44,560	53,241	194.5	44.5	239	194,763	44,560	55,687
590 McDowell	230.5	46	276.5	230,811	46,062	64,425	240	46	286	240,324	46,062	66,638
600 Mecklenburg	1,891	452	2,343	1,893,553	452,610	545,919	2,322.5	452	2,774.5	2,325,635	452,610	646,459
610 Mitchell	82.5	22.5	105	82,611	22,530	24,465	87.5	22.5	110	87,618	22,530	25,630
620 Montgomery	139.5	29	168.5	139,688	29,039	39,261	144	29	173	144,194	29,039	40,309
630 Moore	346.5	69	415.5	346,968	69,093	96,812	361	69	430	361,487	69,093	100,190
640 Nash	329.5	65.5	395	329,945	65,588	92,035	337.5	65.5	403	337,956	65,588	93,899
641 Rocky Mount	157.5	43.5	201	157,713	43,559	46,833	202.5	43.5	246	202,773	43,559	57,318
650 New Hanover	426	122	548	426,575	122,165	127,684	577	122	699	577,779	122,165	162,867
660 Northampton	160	41.5	201.5	160,216	41,556	46,950	178	41.5	219.5	178,240	41,556	51,144
670 Onslow	424.5	101.5	526	425,073	101,637	122,558	491	101.5	592.5	491,663	101,637	138,053
680 Orange	155	28.5	183.5	155,209	28,538	42,756	158.5	28.5	187	158,714	28,538	43,571
681 Chapel Hill	84	31.5	115.5	84,113	31,543	26,912	149.5	31.5	181	149,702	31,543	42,173
690 Pamlico	96	16	112	96,130	16,022	26,096	102	16	118	102,138	16,022	27,494
700 Pasquotank	159.5	39	198.5	159,715	39,053	46,251	188	39	227	188,254	39,053	52,891
710 Pender	133.5	35	168.5	133,680	35,047	39,261	155	35	190	155,209	35,047	44,270
720 Perquimans	59	14.5	73.5	59,080	14,520	17,126	62	14.5	76.5	62,084	14,520	17,825
730 Person	173	48.5	221.5	173,234	48,565	51,610	193	48.5	241.5	193,261	48,565	56,270

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1977-78
FOR SUB-PARTS 2, 3 & 5
SECONDARY

TABLE: 9(e) cont'd

REIM. RATE	L E A	MONTHS OF EMPLOYMENT					ESTIMATED REIMBURSEMENT					
		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		LOCAL
					EDA COUNTIES	OTHER COUNTIES				EDA COUNTIES	OTHER COUNTIES	
68%	Macon	109	17.5	6	3		85,544	17,088	5,828	4,497		32,425
74%	Madison	138.5	18.5	6	2		118,287	19,659	6,347	3,263		51,899
72%	Martin	188.5	29.5	10	5		156,640	30,500	10,285	7,936		78,924
70%	McDowell	240	28.5	10.5		7	193,896	28,648	10,499		7,419	103,798
68%	Necklenburg	2,157.5	313	102.5		36	1,693,228	305,635	99,560		37,066	1,009,996
72%	Mitchell	84.5	14.5	5	3		70,218	14,992	5,142	4,762		36,244
70%	Montgomery	144	16.5	6.5		6	116,338	16,586	6,499		6,359	62,787
68%	Moore	361	41.5	15.5		12	283,316	40,524	15,055		12,355	166,462
72%	Nash	336	39	15		13	279,209	40,322	15,427		14,172	136,508
72%	Rocky Mount	185	26.5	10		7	153,731	27,399	10,285		7,631	77,400
68%	New Hanover	537	81	28		15	421,443	79,094	27,197		15,444	255,886
74%	Northampton	168.5	26	9.5	5.5		143,909	27,628	10,049	8,972		65,896
68%	Onslow	456	68	22.5		9	357,873	66,400	21,855		9,266	215,045
68%	Orange	158.5	17.5	6.5		4.5	124,392	17,088	6,314		4,633	72,391
68%	Chapel Hill	130.5	23	7		1.5	102,418	22,459	6,799		1,544	62,713
74%	Pamlico	102	10.5	3.5	2		87,114	11,158	3,702	3,263		37,116
72%	Pasquotank	170.5	23	8.5		6	141,682	23,780	8,742		6,541	70,456
74%	Pender	147.5	24	8	3.5		125,974	25,503	8,463	5,710		57,561
72%	Perquimans	62.5	9.5	3.5	2		51,936	9,822	3,600	3,174		26,252
68%	Person	185.5	32.5	11	5		145,582	31,735	10,685	7,495		90,586

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(f)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT			ESTIMATED MONTHS IF ADD. APPROPRIATION IS RECEIVED			ESTIMATED PAYABLE REIMBURSEMENT		
	IF NO ADDITIONAL APPROPRIATION			PAYABLE REIMBURSEMENT			APPROPRIATION IS RECEIVED			PAYABLE REIMBURSEMENT		
	State	Federal	Total	State	Federal	Local	State	Federal	Total	State	Federal	Local
740 Pitt	343.5	76	419.5	343,964	76,103	97,744	354	76	430	354,478	76,103	100,190
741 Greenville	111.5	39.5	151	111,650	39,553	35,183	165.5	39.5	205	165,723	39,553	47,765
750 Polk	93.5	11	104.5	93,626	11,015	24,349	103	11	114	103,139	11,015	26,562
751 Tryon	29.5	4.5	34	29,540	4,506	7,922	31.5	4.5	36	31,543	4,506	8,388
760 Randolph	387.5	80	467.5	388,023	80,108	108,928	399	80	479	399,539	80,108	111,607
761 Asheboro	113.5	28.5	142	113,653	28,538	33,086	133.5	28.5	162	133,680	28,538	37,746
770 Richmond	265.5	69	334.5	265,858	69,095	77,939	295	69	364	295,398	69,095	84,812
780 Robeson	346	93.5	439.5	346,467	93,626	102,404	385.5	93.5	479	386,020	93,626	111,607
781 Fairmont	65.5	20	85.5	65,588	20,027	19,922	79	20	99	79,107	20,027	23,067
782 Lumberton	86.5	34	120.5	86,617	34,046	28,077	130	34	164	130,176	34,046	38,212
783 Maxton	33.5	9.5	43	33,545	9,513	10,019	40.5	9.5	50	40,555	9,513	11,650
784 Red Springs	56	12.5	68.5	56,076	12,517	15,961	58.5	12.5	71	58,579	12,517	16,543
785 St Pauls	39.5	13	52.5	39,553	13,018	12,233	50	13	63	50,068	13,018	14,679
790 Rockingham	126.5	31	157.5	126,671	31,042	36,698	146.5	31	177.5	146,698	31,042	41,358
791 Eden	128	29	157	128,173	29,039	36,581	141.5	29	170.5	141,691	29,039	39,727
792 Madison-Mayodan	85	17	102	85,115	17,023	23,766	87	17	104	87,117	17,023	24,232
793 Reidsville	138.5	30	168.5	138,687	30,040	39,261	146.5	30	176.5	146,698	30,040	41,125
800 Rowan	348.5	87	435.5	348,970	87,117	101,472	426	87	513	426,575	87,117	119,529
801 Salisbury	95	20.5	115.5	95,128	20,528	26,912	104.5	20.5	125	104,641	20,528	29,125
810 Rutherford	305	72.5	377.5	305,412	72,598	87,958	323.5	72.5	396	323,937	72,598	92,268

TABLE: 9(f) cont'd

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STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(g)

Local Education Agency	ESTIMATED MONTHS			ESTIMATED			ESTIMATED MONTHS		IF ADD.	ESTIMATED		
	IF NO ADDITIONAL APPROPRIATION			PAYABLE REIMBURSEMENT			APPROPRIATION IS RECEIVED			PAYABLE REIMBURSEMENT		
	State	Federal	Total	State	Federal	Local	State	Federal		Total	State	Federal
820 Sampson	296	54.5	350.5	296,400	54,573	81,667	313.5	54.5	368	313,923	54,573	85,744
821 Clinton	78	23.5	101.5	78,105	23,532	23,650	95.5	23.5	119	95,629	23,532	27,727
830 Scotland	188.5	46.5	235	188,754	46,563	54,755	216.5	46.5	263	216,792	46,563	61,279
840 Stanly	278	43.5	321.5	278,375	43,559	74,910	294.5	43.5	338	294,898	43,559	78,754
841 Albemarle	62	15.5	77.5	62,084	15,521	18,058	75.5	15.5	91	75,602	15,521	21,203
850 Stokes	199	40.5	239.5	199,269	40,555	55,804	203.5	40.5	244	203,775	40,555	56,852
860 Surry	259.5	58	317.5	259,850	58,078	73,978	265	58	323	265,358	58,078	75,259
861 Elkin	40	8.5	48.5	40,054	8,511	11,301	41.5	8.5	50	41,556	8,511	11,650
862 Mount Airy	60.5	17	77.5	60,582	17,023	18,058	72	17	89	72,097	17,023	20,737
870 Swain	90.5	15	105.5	90,622	15,020	24,582	99	15	114	99,134	15,020	26,562
880 Transylvania	128	27.5	155.5	128,173	27,537	36,232	142.5	27.5	170	142,692	27,537	39,610
890 Tyrrell	48	7.5	55.5	48,065	7,510	12,932	52.5	7.5	60	52,571	7,510	13,980
900 Union	296	66.5	362.5	296,400	66,590	84,463	336.5	66.5	403	336,954	66,590	93,899
901 Monroe	84.5	18	102.5	84,614	18,024	23,883	92	18	110	92,124	18,024	25,630
910 Vance	211.5	54.5	266	211,785	54,574	61,978	231	54.5	285.5	231,312	54,574	66,522
920 Wake	1244.5	298	1542.5	1246,180	298,402	359,403	1597	298	1895	1,599,156	298,402	441,535
930 Warren	128	30.5	158.5	128,173	30,541	36,931	131.5	30.5	162	131,677	30,541	37,746
940 Washington	113.5	23.5	137	113,653	23,532	31,921	118	23.5	141.5	118,159	23,532	32,970
950 Watauga	154.5	35.5	190	154,709	35,548	44,270	159.5	35.5	195	159,715	35,548	45,435
960 Wayne	415.5	92.5	508	416,061	92,625	118,364	432	92.5	544.5	432,610	92,625	126,869

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENT FOR MONTHS OF EMPLOYMENT FOR 1977-78
FOR SUB-PARTS 2, 3 & 5
SECONDARY

TABLE: 9(g) cont'd

REIM. RATE	L E A	MONTHS OF EMPLOYMENT					ESTIMATED REIMBURSEMENT					
		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		STATE	SUB- PART 2	SUB- PART 3	SUB-PART 5		LOCAL
					EDA COUNTIES	OTHER COUNTIES				EDA COUNTIES	OTHER COUNTIES	
72%	Sampson	313.5	33	12.5	9		260,512	34,119	12,856	14,285		124,653
72%	Clinton	88.5	15.5	5.5	2.5		73,542	16,026	5,657	3,968		37,938
72%	Scotland	200.5	30.5	10.5	5		166,611	31,534	10,799	7,936		83,497
70%	Stanly	294.5	26.5	10		7	237,927	26,638	9,999		7,419	122,670
70%	Albemarle	68	8.5	3.5	3.5		54,937	8,544	3,500		3,710	30,305
68%	Stokes	203	24.5	9.5	7		159,316	23,924	9,228		7,207	94,457
74%	Surry	264	32.5	13.5		13	225,472	34,535	14,281		14,566	101,596
74%	Elkin	41.5	5	2		1.5	35,443	5,313	2,116		1,681	15,727
74%	Mount Airy	66	11	3.5		1.5	56,368	11,689	3,702		1,681	25,792
72%	Swain	99	10.5	3.5	1		82,267	10,856	3,600	1,587		38,615
68%	Transylvania	138	17.5	6.5		4.5	108,304	17,088	6,314		4,633	64,455
70%	Tyrrell	52	4.5	2	1.5		42,911	4,523	2,000	2,315		21,776
72%	Union	323	40	15.5		12	268,407	41,356	15,941		13,082	132,274
72%	Monroe	90.5	11	4		3	75,204	11,373	4,114		3,270	36,752
72%	Vance	225	36.5	12.5		6.5	186,971	37,738	12,856		7,086	95,014
68%	Wake	1,470	180.5	67.5		49.5	1,153,671	176,253	65,564		50,965	684,235
74%	Warren	132	18	7	5		112,736	19,127	7,405	8,157		50,955
74%	Washington	115.5	15	5.5	3		98,644	15,939	5,818	4,894		43,721
68%	Watauga	159	26	8	2		124,785	25,388	7,771	2,998		75,488
72%	Wayne	432	61	21	10.5		358,983	63,069	21,598	16,666		177,664
72%	Goldsboro	177	29.5	9.5	2.5		147,083	30,500	9,770	3,968		74,013
72%	Wilkes	351	48	18		13.5	291,674	49,628	18,512		14,717	145,823
70%	Wilson	390.5	60	20.5	9		315,485	60,311	20,498	13,888		174,206
70%	Yadkin	224.5	22	8.5		7	181,374	22,114	8,499		7,419	95,088
74%	Yancey	84.5	17.5	5			72,168	18,596	5,289			33,656
	TOTAL	35,209	4,824	1,714	261	760	28,540,070	4,866,687	1,719,774	414,399	801,073	15,387,448

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
MONTHS OF EMPLOYMENT ALLOCATION

TABLE: 9(g) cont'd

Local Education Agency	ESTIMATED MONTHS			ESTIMATED PAYABLE REIMBURSEMENT			ESTIMATED MONTHS IF ADD.			ESTIMATED PAYABLE REIMBURSEMENT		
	IF NO ADDITIONAL APPROPRIATION			PAYABLE REIMBURSEMENT			APPROPRIATION IS RECEIVED			PAYABLE REIMBURSEMENT		
	State	Federal	Total	State	Federal	Local	State	Federal	Total	State	Federal	Local
962 Goldsboro	158	43.5	201.5	158,213	43,559	46,950	201.5	43.5	245	201,772	43,559	57,085
970 Wilkes	340	79.5	419.5	340,459	79,607	97,744	366.5	79.5	446	366,995	79,607	103,918
980 Wilson	374.5	88	462.5	375,006	88,119	107,763	397	88	485	397,536	88,119	113,005
990 Yadkin	213.5	37	250.5	213,788	37,050	58,367	225	37	262	225,304	37,050	61,046
995 Yancey	79.5	22	101.5	79,607	22,030	23,650	86.5	22	108.5	86,617	22,030	25,281
Total	32,333	7,559	39,892	32,376,646	7,569,207	9,294,885	36,853	7,559	44,412	36,902,752	7,569,207	10,348,014

1/ Actual allotments for these 5 LEAs and State Totals are on previous page

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(a)

Local Education Agency	SUB-PART 2						SUB-PART 4			
	DISADVANTAGED			HANDICAPPED			WORK STUDY			
	ESTIMATED FUNDS ALLOTTED		Local	State	Federal	Local	State	Federal	Local	ESTIMATED FUNDS ALLOTTED
	State	Federal								
Alamance	\$ 8,514	\$ 20,347	\$ 11,788	\$ 4,257	\$ 10,173	\$ 5,894		\$ 842	\$ 343	\$
Burlington	5,515	13,179	7,636	2,757	6,590	3,818		839	343	
Alexander	3,352	8,011	4,641	1,676	4,005	2,320		971	397	13,142
Alleghany	1,383	3,306	1,915	692	1,653	958		724	296	
Anson	4,290	10,251	5,939	2,145	5,126	2,971		911	372	
Ashe	4,025	9,620	5,573	2,013	4,810	2,787		1,222	499	13,127
Avery	2,10	5,761	3,337	1,205	2,880	1,669		1,149	469	13,076
Beaufort	3,429	8,194	4,747	1,714	4,097	2,374		652	266	
Washington	2,721	6,503	3,768	1,361	3,251	1,884		694	283	
Bertie	4,122	9,851	5,707	2,061	4,925	2,853		881	360	
Bladen	5,519	13,189	7,641	2,759	6,595	3,821		1,110	453	
Brunswick	5,057	12,086	7,002	2,529	6,043	3,501		941	384	
Buncombe	18,194	43,480	25,191	9,097	21,740	12,595		938	383	
Asheville	4,999	11,946	6,921	2,500	5,973	3,461		956	391	
Burke	9,054	21,637	12,536	4,527	10,818	6,268		941	384	
Cabarrus	5,517	13,183	7,638	2,758	6,592	3,819		811	331	
Concord	1,907	4,558	2,641	954	2,279	1,321		751	307	
Kannapolis	3,205	7,660	4,438	1,602	3,830	2,219		814	332	
Caldwell	9,371	22,327	12,947	4,675	11,174	6,474		1,059	433	13,387
Camden	923	2,207	1,278	462	1,103	639		670	274	

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENTS BASED ON FORMULAS FOR 1977-78
SET ASIDE ALLOCATION
SECONDARY

TABLE: 10(a) cont'd

LOCAL EDUCATION AGENCY	SUB-PART 2						SUB-PART 4					
	DISADVANTAGED			HANDICAPPED			WORK STUDY			SPECIAL DISADVANTAGED		
	FUNDS ALLOTTED		LOCAL	FUNDS ALLOTTED		LOCAL	FUNDS ALLOTTED		LOCAL	FUNDS ALLOTTED		LOCAL
	STATE	FEDERAL		STATE	FEDERAL		STATE	FEDERAL		STATE	FEDERAL	
Alamance	\$ 9,065	\$ 21,565	\$ 13,127	\$ 4,532	\$ 10,783	\$ 6,564		\$ 842	\$ 361		\$	
Burlington	5,765	13,714	8,348	2,882	6,857	4,174		839	360			
Alexander	3,650	8,682	4,333	1,825	4,341	2,166		971	341		13,108	
Alleghany	1,495	3,556	2,165	748	1,778	1,083		724	310			
Anson	4,483	10,663	5,322	2,241	5,332	2,661		911	320			
Ashe	4,315	10,266	6,249	2,157	5,133	3,124		1,222	524		13,094	
Avery	2,619	6,230	3,441	1,310	3,115	1,721		1,149	447		13,059	
Beaufort	3,619	8,609	5,241	1,809	4,305	2,620		652	279			
Washington	2,899	6,897	4,198	1,450	3,448	2,099		694	297			
Bertie	4,342	10,329	5,155	2,171	5,164	2,577		881	310			
Bladen	5,903	14,042	7,008	2,951	7,021	3,504		1,110	390			
Brunswick	5,463	12,994	8,686	2,731	6,498	4,343		941	443			
Buncombe	19,545	46,494	31,077	9,772	23,247	15,538		938	441			
Asheville	5,159	12,273	8,203	2,580	6,136	4,102		956	450			
Burke	9,498	22,594	13,754	4,749	11,297	6,877		941	403			
Cabarrus	5,741	13,657	8,313	2,870	6,829	4,157		811	348			
Concord	2,000	4,759	2,897	1,000	2,380	1,449		751	322			
Kannapolis	3,392	8,068	4,911	1,696	4,034	2,456		814	349			
Caldwell	10,008	23,806	13,150	5,004	11,903	6,575		1,059	412		13,286	
Camden	984	2,342	1,293	492	1,171	647		670	261			

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(b)

Local Education Agency	SUB-PART 2										SUB-PART 4		
	DISADVANTAGED					HANDICAPPED					SPECIAL DISADVANTAGED		
	ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Federal	Local	State	Federal	Local	State	Federal	Local	Local
Carteret	\$ 4,841	\$ 11,568	\$ 6,702	\$ 2,420	\$ 5,785	\$ 3,351		\$ 863	\$ 352				
Gaswell	2,966	7,089	4,107	1,483	3,545	2,054		857	350				
Catawba	8,354	19,965	11,567	4,177	9,983	5,784		992	405				
Hickory	3,822	9,135	5,292	1,911	4,568	2,646		1,086	444		13,157		
Newton	2,080	4,970	2,880	1,040	2,485	1,440		1,035	423		13,085		
Chatham	4,322	10,328	5,984	2,161	5,164	2,992		712	291				
Cherokee	2,999	6,929	4,014	1,450	3,464	2,007		1,098	448		13,102		
Chowan	1,897	4,533	2,626	948	2,267	1,313		790	323				
Olay	1,014	2,422	1,403	507	1,211	702		1,023	418		13,031		
Cleveland	6,267	14,978	8,678	3,133	7,489	4,339		974	398				
Kings Mountain	2,851	6,812	3,947	1,425	3,406	1,973		1,020	417		13,117		
Shelby	3,121	7,457	4,321	1,560	3,729	2,160		938	383				
Columbus	7,057	16,865	9,771	3,528	8,433	4,885		959	392				
Whiteville	2,270	5,424	3,143	1,135	2,712	1,571		935	382				
Craven	4,682	11,189	6,483	2,341	5,594	3,241		685	280				
New Bern	3,969	9,484	5,495	1,984	4,743	2,748		842	344				
Cumberland	22,769	54,413	31,525	11,384	27,207	15,763		700	286				
Fayetteville	7,765	18,556	10,751	3,882	9,279	5,376		682	279				
Currituck	1,386	3,311	1,918	693	1,656	959		875	357				
Dare	1,165	2,785	1,613	583	1,392	807		567	232				

TABLE: 10(b) cont'd

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STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(c)

Local Education Agency	SUB-PART 2						SUB-PART 4		
	DISADVANTAGED			HANDICAPPED			WORK STUDY		
	ESTIMATED FUNDS ALLOTTED			ESTIMATED FUNDS ALLOTTED			ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Federal	Local	State	Federal	Local
Davidson	\$ 9,974	\$ 23,836	\$ 13,810	\$ 4,987	\$ 11,918	\$ 6,905		\$ 836	\$ 341
Lexington	2,626	6,276	3,636	1,313	3,138	1,818		893	365
Thomasville	2,081	4,974	2,882	1,041	2,487	1,441		875	357
Davie	3,115	7,444	4,313	1,557	3,722	2,156		751	307
Duplin	7,116	17,007	9,853	3,558	8,503	4,926		823	336
Durham County	11,864	28,354	16,427	5,932	14,177	8,214		609	249
Durham City	7,39	17,539	10,161	3,670	8,769	5,081		778	318
Edgecombe	5,548	13,260	7,682	2,774	6,630	3,841		977	399
Tarboro	2,962	7,077	4,100	1,481	3,538	2,050		893	365
Forsyth	29,341	70,120	40,625	14,670	35,060	20,312		700	286
Franklin	3,941	9,417	5,456	1,970	4,709	2,728		950	388
Franklinton	1,079	2,579	1,494	540	1,289	747		926	378
Gaston	22,985	54,931	31,825	11,493	27,465	15,912		1,056	431
Gates	1,365	3,262	1,890	682	1,631	945		567	232
Graham	1,177	2,814	1,630	589	1,406	815		1,095	447
Granville	5,187	12,397	7,182	2,594	6,198	3,591		751	307
Greene	2,933	7,008	4,060	1,466	3,505	2,030		787	321
Guilford	17,271	41,276	23,914	8,636	20,638	11,957		691	282
Greensboro	18,920	45,215	26,196	9,460	22,608	13,098		700	286
High Point	6,718	16,056	9,302	3,359	8,028	4,651		766	313

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENTS BASED ON FORMULAS FOR 1977-78
SET ASIDE ALLOCATION
SECONDARY

TABLE: 10(c) cont'd

LOCAL EDUCATION AGENCY	DISADVANTAGED				HANDICAPPED				WORK STUDY				SUB-PART 4			
	FUNDS ALLOTTED				FUNDS ALLOTTED				FUNDS ALLOTTED				SPECIAL DISADVANTAGED			
	STATE		FEDERAL		LOCAL		STATE		FEDERAL		LOCAL		STATE		FEDERAL	
	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	LOCAL
Davidson	10,758	25,592	15,579	5,379	12,796	7,789					836	358				
Lexington	2,686	6,389	3,889	1,343	3,195	1,945					893	383				
Thomasville	2,190	5,209	3,171	1,095	2,605	1,586					875	375				
Davie	3,327	7,913	5,289	1,663	3,957	2,645					751	353				
Duplin	7,685	18,281	10,098	3,842	9,141	5,049					823	320				
Durham County	12,823	30,503	20,389	6,411	15,252	10,194					609	287				
Durham City	7,724	18,373	12,281	3,862	9,186	6,140					778	366				
Edgecombe	5,898	14,030	7,750	2,949	7,015	3,875					977	380				
Tarboro	3,143	7,478	4,130	1,571	3,738	2,065					893	347				
Forsyth	30,981	73,698	49,261	15,490	36,849	24,630					700	329				
Franklin	4,166	9,909	4,945	2,083	4,954	2,472					950	334				
Franklington	1,169	2,781	1,388	584	1,391	694					926	325				
Gaston	24,400	58,044	35,333	12,199	29,022	17,666					1,056	453			13,665	
Gates	1,432	3,405	1,699	715	1,703	850					567	199				
Graham	1,249	2,972	1,483	624	1,486	741					1,095	385			13,030	
Granville	5,506	13,099	6,537	2,753	6,549	3,268					751	264				
Greene	\$ 3,011	\$ 7,161	\$ 3,574	\$ 1,505	\$ 3,581	\$ 1,787				\$	787	\$ 277			\$	
Guilford	18,237	43,382	28,997	9,118	21,691	14,498					691	325				
Greensboro	19,883	47,297	31,614	9,941	23,648	15,807					700	329				
High Point	7,120	16,938	11,321	3,560	8,469	5,661					766	360				

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(d)

Local Education Agency	SUB-PART 2										SUB-PART 4		
	DISADVANTAGED					HANDICAPPED					SPECIAL DISADVANTAGED		
	ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Local	State	Federal	Local	State	Local	State	Federal	Local
Halifax	\$ 6,317	\$ 15,098	\$ 8,747	\$ 3,159	\$ 7,549	\$ 4,374	\$ 1,026	\$ 419				\$ 13,236	
Roanoke Rapids	2,243	5,359	3,105	1,121	2,680	1,553	968	395					
Weldon	1,335	3,189	1,848	667	1,595	924	971	397				13,050	
Harnett	8,078	19,304	11,184	4,039	9,652	5,592	754	308					
Haywood	6,548	15,650	9,067	3,274	7,825	4,533	956	390					
Henderson	5,705	13,634	7,899	2,852	6,817	3,949	754	308					
Hendersonville	1,92	3,086	1,788	646	1,543	894	721	294					
Hertford	3,939	9,414	5,454	1,969	4,707	2,727	742	303					
Hoke	3,245	7,755	4,493	1,623	3,877	2,246	1,134	463				13,131	
Hyde	999	2,388	1,383	499	1,194	692	606	248					
Iredell	7,020	16,778	9,720	3,510	8,389	4,860	950	388					
Mooreville	1,710	4,086	2,367	855	2,043	1,184	965	394					
Statesville	2,567	6,134	3,554	1,284	3,067	1,777	929	379					
Jackson	3,221	7,698	4,460	1,610	3,849	2,230	790	323					
Johnston	11,126	26,590	15,405	5,563	13,295	7,703	790	323					
Jones	1,749	4,180	2,422	875	2,090	1,211	670	274					
Lee/Sanford	5,561	13,290	7,700	2,781	6,645	3,850	995	406					
Lenoir	5,056	12,082	7,000	2,528	6,041	3,500	706	288					
Kinston	3,767	9,001	5,215	1,883	4,501	2,608	775	317					
Lincoln	6,086	14,544	8,426	3,043	7,272	4,213	1,131	462				13,240	

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENTS BASED ON FORMULAS FOR 1977-78
SET ASIDE ALLOCATION
SECONDARY

TABLE: 10(d) cont'd

LOCAL EDUCATION AGENCY	SUB-PART 2						SUB-PART 4					
	DISADVANTAGED			HANDICAPPED			WORK STUDY			SPECIAL DISADVANTAGED		
	FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED		
	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL
Halifax	6,789	16,149	8,920	3,394	8,075	4,460		1,026	399		13,176	
Roanoke Rapids	2,412	5,737	3,169	1,206	2,868	1,584		968	376		13,063	
Weldon	1,415	3,367	1,860	708	1,683	930		971	378		13,036	
Harnett	8,581	20,413	10,187	4,290	10,207	5,094		754	265			
Haywood	7,041	16,751	10,197	3,521	8,375	5,098		956	410			
Henderson	6,098	14,507	9,696	3,049	7,253	4,848		754	355			
Hendersonville	1,368	3,253	2,175	684	1,626	1,087		721	339			
Hertford	4,185	9,956	5,499	2,092	4,978	2,749		742	289			
Hoke	3,295	7,838	3,912	1,648	3,919	1,936		1,134	398		13,088	
Hyde	1,068	2,539	1,403	534	1,269	701		606	236			
Iredell	7,553	17,968	10,938	3,776	8,984	5,469		950	407			
Mooreville	1,828	4,349	2,647	914	2,175	1,324		965	414		13,054	
Statesville	2,769	6,587	4,010	1,384	3,294	2,005		929	398			
Jackson	3,489	8,299	5,052	1,744	4,150	2,526		790	339			
Johnston	11,743	27,934	15,426	5,870	13,963	7,713		790	307			
Jones	1,828	4,349	2,402	914	2,175	1,201		670	261			
Lee/Sanford	5,998	14,268	8,685	2,999	7,134	4,343		995	426			
Lenoir	5,389	12,819	7,803	2,694	6,410	3,902		706	303			
Kinston	4,000	9,516	5,793	2,000	4,758	2,896		775	332			
Lincoln	6,545	15,568	8,600	3,272	7,785	4,300		1,131	440		13,179	

STATE BOARD OF EDUCATION
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PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(e)

Local Education Agency	SUB-PART 2										SUB-PART 4		
	DISADVANTAGED					HANDICAPPED					WORK STUDY		
	ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Federal	Local	State	Federal	Local	State	Federal	Local	Local
Macon	\$ 2,743	\$ 6,554	\$ 3,797	\$ 1,371	\$ 3,278	\$ 1,399		\$ 902	\$ 368		\$		
Madison	2,802	6,695	3,879	1,401	3,348	1,940		941	384				
Martin	4,743	11,336	6,567	2,372	5,668	3,284		881	360				
McDowell	4,868	11,633	6,740	2,434	5,817	3,370		998	408		13,188		
Mecklenburg	50,143	112,765	66,544	25,085	56,369	33,266		721	294				
Mitchell	2,410	5,758	3,336	1,205	2,879	1,668		977	399		13,080		
Montgomery	3,080	7,360	4,264	1,540	3,680	2,132		896	366				
Moore	7,341	17,545	10,165	3,671	8,772	5,082		1,056	431		13,280		
Nash	6,964	16,644	9,643	3,482	8,322	4,821		802	328				
Rocky Mount	4,627	11,057	6,406	2,313	5,529	3,203		811	331				
New Hanover	12,977	31,012	17,967	6,489	15,506	8,984		836	341				
Northampton	4,372	10,448	6,053	2,186	5,224	3,027		745	304				
Onslow	10,782	25,768	14,929	5,391	12,884	7,464		709	290				
Orange	3,007	7,186	4,163	1,504	3,593	2,082		552	225				
Chapel Hill	3,371	8,057	4,668	1,686	4,028	2,334		398	163				
Pamlico	1,748	4,176	2,420	874	2,088	1,210		902	368				
Pasquotank	4,126	9,860	5,713	2,063	4,930	2,856		754	308				
Pender	3,745	8,950	5,185	1,872	4,475	2,592		1,191	486		13,146		
Perquimans	1,543	3,688	2,137	771	1,844	1,068		661	270				
Person	5,137	12,277	7,113	2,569	6,138	3,556		1,222	499				

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENTS BASED ON FORMULAS FOR 1977-78
SET ASIDE ALLOCATION
SECONDARY

TABLE: 10(e) cont'd

LOCAL EDUCATION AGENCY	SUB-PART 2						SUB-PART 4					
	DISADVANTAGED			HANDICAPPED			WORK STUDY			SPECIAL DISADVANTAGED		
	FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED		
	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL
Macon	3,013	7,168	4,791	1,506	3,584	2,395		902	424			
Madison	2,987	7,104	3,545	1,493	3,553	1,773		941	331			
Martin	5,084	12,094	6,680	2,542	6,043	3,340		881	343			
McDowell	5,220	12,418	7,559	2,610	6,209	3,780		998	428			
Mecklenburg	51,090	121,533	81,235	25,553	60,767	40,617		722	340			
Mitchell	2,580	6,139	3,391	1,290	3,070	1,696		977	380		13,059	
Montgomery	\$ 3,275	\$ 7,789	\$ 4,742	\$ 1,637	\$ 3,895	\$ 2,371		\$ 896	\$ 384		\$ 13,206	
Moore	7,823	18,609	12,439	3,911	9,305	6,219		1,056	497			
Nash	7,586	18,047	9,968	3,793	9,024	4,984		802	312			
Rocky Mount	4,893	11,639	6,429	2,446	5,820	3,215		811	315			
New Hanover	14,095	33,530	22,412	7,047	16,765	11,206		836	393			
Northampton	4,635	11,026	5,503	2,317	5,513	2,751		745	262			
Onslow	11,313	26,913	17,989	5,656	13,457	8,994		709	334			
Orange	3,192	7,994	5,076	1,596	3,797	2,538		552	260			
Chapel Hill	3,619	8,609	5,754	1,809	4,305	2,877		398	187			
Pamlico	1,864	4,435	2,213	932	2,217	1,106		902	317			
Pasquotank	4,252	10,115	5,587	2,126	5,057	2,793		754	293			
Pender	4,026	9,577	4,779	2,013	4,788	2,390		1,191	419		13,109	
Perquimans	1,703	4,052	2,238	851	2,026	1,119		661	257			
Person	5,515	13,119	8,769	2,757	6,560	4,384		1,222	575			

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(f)

Local Education Agency	SUB-PART 2										SUB-PART 4		
	DISADVANTAGED					HANDICAPPED					SPECIAL DISADVANTAGED		
	ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED					ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Federal	Local	State	Federal	Local	State	Federal	Local	Local
Pitt	\$ 8,093	\$ 19,341	\$ 11,205	\$ 4,047	\$ 9,670	\$ 5,603		\$ 655	\$ 268		\$		
Greenville	4,199	10,034	5,813	2,099	5,017	2,907		667	272				
Polk	1,180	2,819	1,633	590	1,409	816		682	279				
Tryon	489	1,168	677	244	584	338		606	248				
Randolph	8,535	20,396	11,817	4,267	10,199	5,909		917	375				
Asheboro	2,994	7,156	4,146	1,497	3,578	2,073		866	354				
Richmond	7,152	17,569	10,179	3,676	8,785	5,090		1,128	461		13,274		
Robeson	9,946	23,769	13,771	4,973	11,885	6,886		1,267	518		13,357		
Fairmont	2,116	5,056	2,929	1,058	2,528	1,465		1,324	541		13,075		
Lumberton	3,677	8,788	5,091	1,838	4,394	2,545		1,252	511				
Maxton	1,023	2,445	1,417	512	1,222	708		1,261	515		13,039		
Red Springs	1,324	3,165	1,834	662	1,582	917		1,273	520		13,046		
St. Pauls	1,349	3,224	1,868	674	1,612	934		1,327	542		13,048		
Rockingham	3,271	7,818	4,529	1,636	3,909	2,265		938	383				
Eden	3,084	7,369	4,270	1,542	3,685	2,135		929	379				
Madison-Mayodan	1,812	4,331	2,509	906	2,166	1,255		920	376				
Reidsville	3,170	7,576	4,389	1,585	3,788	2,195		911	372				
Rowan	9,256	22,120	12,816	4,628	11,060	6,408		766	313				
Salisbury	2,190	5,234	3,032	1,095	2,617	1,516		754	308				
Rutherford	7,696	18,392	10,656	3,848	9,196	5,328		1,007	411		13,295		

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENTS BASED ON FORMULAS FOR 1977-78
SET ASIDE ALLOCATION
SECONDARY

TABLE: 10(f) cont'd

LOCAL EDUCATION AGENCY	SUB-PART 2						SUB-PART 4					
	DISADVANTAGED			HANDICAPPED			WORK STUDY			SPECIAL DISADVANTAGED		
	FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED		
	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL
Pitt	8,547	20,332	12,377	4,273	10,166	6,188			281			
Greenville	4,372	10,400	6,331	2,186	5,200	3,165		655	286			
Polk	1,300	3,091	1,882	650	1,546	941		682	292			
Tryon	509	1,210	737	255	605	369		606	260			
Randolph	9,291	22,103	13,529	4,646	11,051	6,727		917	393			
Asheboro	3,185	7,578	4,613	1,593	3,788	2,306		866	371			
Richmond	7,850	18,675	9,320	3,925	9,337	4,660		1,128	396		13,201	
Robeson	10,729	25,523	12,737	5,364	12,762	6,369		1,267	445		13,269	
Fairmont	2,245	5,339	2,665	1,122	2,670	1,332		1,324	465		13,054	
Lumberton	3,934	9,359	4,671	1,967	4,679	2,335		1,252	440			
Maxton	1,115	2,654	1,324	558	1,326	662		1,261	443		13,030	
Red Springs	1,415	3,367	1,680	708	1,683	840		1,273	447		13,034	
St. Pauls	1,398	3,326	1,660	699	1,663	830		1,327	466		13,033	
Rockingham	3,546	8,436	5,135	1,773	4,218	2,568		938	402			
Eden	3,272	7,783	4,738	1,636	3,892	2,369		929	398			
Madison/Mayodan	1,962	4,667	2,841	981	2,333	1,420		920	394			
Reidsville	\$ 3,375	\$ 8,028	\$ 4,887	\$ 1,687	\$ 4,014	\$ 2,443		\$ 911	390		\$	
Rowan	9,800	23,314	15,583	4,900	11,657	7,792		766	360			
Salisbury	2,308	5,491	3,670	1,154	2,745	1,835		754	355			
Rutherford	8,254	19,634	10,845	4,127	9,817	5,423		1,007	392		13,219	

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

TABLE: 10(g)

Local Education Agency	SUB-PART 2										SUB-PART 4		
	DISADVANTAGED			HANDICAPPED			WORK STUDY				SPECIAL DISADVANTAGED		
	ESTIMATED FUNDS ALLOTTED			ESTIMATED FUNDS ALLOTTED			ESTIMATED FUNDS ALLOTTED				ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Federal	Local	State	Federal	Local	State	Federal	Local	
Sampson	\$ 5,770	\$ 13,788	\$ 7,988	\$ 2,885	\$ 6,894	\$ 3,994		\$ 772	\$ 315		\$		
Clinton	2,484	5,936	3,439	1,242	2,968	1,720		851	348				
Scotland	4,949	11,826	6,852	2,474	5,913	3,426		884	361				
Stanly	4,583	10,952	6,345	2,291	5,476	3,172		875	357				
Albemarle	1,672	3,995	2,315	836	1,997	1,157		929	379				
Stokes	4,322	10,328	5,984	2,161	5,164	2,992		851	348				
Surry	6,430	14,865	8,612	3,110	7,433	4,306		1,032	422		13,238		
Elkin	886	2,119	1,227	443	1,060	614		974	398				
Mount Airy	1,783	4,260	2,468	891	2,130	1,234		989	404				
Swain	1,581	3,777	2,188	790	1,889	1,094		1,210	494		13,049		
Transylvania	2,944	7,035	4,076	1,472	3,518	2,038		757	309				
Tyrrell	814	1,945	1,127	407	972	563		823	336				
Union	7,065	16,884	9,782	3,533	8,442	4,891		845	345				
Monroe	1,898	4,537	2,628	949	2,269	1,314		887	362				
Vance	5,817	13,903	8,055	2,909	6,951	4,027		947	387				
Wake	31,702	75,762	43,894	15,851	37,881	21,947		603	246				
Warren	3,217	7,688	4,454	1,609	3,844	2,227		1,213	495		13,113		
Washington	2,490	5,949	3,447	1,245	2,974	1,723		778	318				
Watauga	3,779	9,030	5,232	1,889	4,515	2,616		878	359				
Wayne	9,826	23,483	13,605	4,913	11,741	6,802		751	307				

STATE BOARD OF EDUCATION
ACTUAL ALLOTMENTS BASED ON FORMULAS FOR 1977-78
SET ASIDE ALLOCATION
SECONDARY

TABLE: 10(g) cont'd

LOCAL EDUCATION AGENCY	SUB-PART 2						SUB-PART 4					
	DISADVANTAGED			HANDICAPPED			WORK STUDY			SPECIAL DISADVANTAGED		
	FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED			FUNDS ALLOTTED		
	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL	STATE	FEDERAL	LOCAL
Sampson	6,185	14,713	8,127	3,092	7,357	4,064			300			
Clinton	2,628	6,253	3,454	1,314	3,127	1,727			772			
Scotland	5,180	12,322	6,806	2,590	6,161	3,403			851			
Stanly	4,876	11,598	7,060	2,438	5,799	3,530			884			
Albemarle	1,722	4,098	2,494	861	2,048	1,247			875			
Stokes	4,633	11,022	7,367	2,316	5,511	3,683			929			
Surry	6,654	15,830	7,900	3,327	7,915	3,930			851			
Elkin	933	2,220	1,108	466	1,110	554			1,032			13,176
Mount Airy	1,862	4,429	2,210	931	2,214	1,105			974			
Swain	1,667	3,967	2,191	834	1,983	1,096			989			
Transylvania	3,190	7,587	5,072	1,595	3,794	2,536			1,210			13,035
Tyrrell	883	2,100	1,278	441	1,050	639			757			
Union	7,628	18,147	10,024	3,814	9,073	5,012			823			
Monroe	2,073	4,930	2,723	1,036	2,465	1,362			845			
Vance	6,302	14,992	8,281	3,151	7,496	4,141			887			
Wake	33,717	80,210	53,615	16,859	40,106	26,807			947			
Warren	3,374	8,026	4,005	1,687	4,013	2,003			603			
Washington	2,630	6,257	3,122	1,315	3,128	1,561			1,213			13,080
Watauga	4,089	9,728	6,502	2,044	4,864	3,251			778			
Wayne	10,446	24,850	13,726	5,223	12,425	6,863			878			
Goldsboro	4,701	11,183	6,177	2,350	5,592	3,089			751			
Wilkes	9,021	21,461	11,854	4,511	10,730	5,927			799			
Wilson	10,139	24,118	14,682	5,069	12,059	7,341			823			
Yadkin	4,261	10,135	6,170	2,130	5,068	3,085			790			
Yancey	2,530	6,018	3,003	1,265	3,009	1,502			766			
TOTAL	\$856,142	\$2,036,620	\$1,229,979	\$428,051	\$1,018,310	\$615,062			\$127,616			\$51,901
												\$393,691

TABLE: 10(g) cont'd

STATE BOARD OF EDUCATION
ESTIMATED ALLOTMENTS BASED ON FORMULAS FOR 1977-78
PREPARED ON LATEST AVAILABLE DATA
SET ASIDE ALLOCATION

Local Education Agency	SUB-PART 2						SUB-PART 4		
	DISADVANTAGED			HANDICAPPED			SPECIAL DISADVANTAGED		
	ESTIMATED FUNDS ALLOTTED			ESTIMATED FUNDS ALLOTTED			ESTIMATED FUNDS ALLOTTED		
	State	Federal	Local	State	Federal	Local	State	Federal	Local
Goldsboro	\$ 4,612	\$ 11,023	\$ 6,386	\$ 2,306	\$ 5,511	\$ 3,193			
Wilkes	8,477	20,259	11,737	4,239	10,129	5,869			
Wilson	9,333	22,303	12,922	4,666	11,152	6,461			
Yadkin	3,931	9,395	5,443	1,966	4,697	2,722			
Yancey	2,340	5,593	3,240	1,170	2,796	1,620			
Total	<u>\$805,890</u>	<u>\$1,918,785</u>	<u>\$1,112,895</u>	<u>\$402,945</u>	<u>\$959,393</u>	<u>\$556,448</u>	<u>\$127,616</u>	<u>\$395,246</u>	<u>\$52,123</u>

1/ Actual allotments for these 5 LEAs and State Totals are on previous page

DISTRIBUTION OF FUNDING TO POST-SECONDARY INSTITUTIONS

The following Table 11 shows the estimated and actual distribution of federal and State matching funds for FY 1978. The actual distribution of funds was increased because the actual grant of federal funds was larger than the projected amount shown in the FY 1978 State Plan.

ESTIMATES OF FEDERAL VOCATIONAL EDUCATION
AND REQUIRED MATCHING FUNDS BY PURPOSE
1977-78

TABLE: 11

POST-SECONDARY AND ADULT

	DIS- ADVANTAGED	HANDI- CAPPED	SUBPART 2	SUBPART 3*	SUBPART 4	TOTAL	Percent of Federal Funds**
Anson TI	14,511	7,256	32,654	14,511		68,932	52
Asheville-Buncombe TI	56,103	28,051	126,243	56,103	21,006	287,506	48
Beaufort County TI	21,082	10,541	47,440	21,082		100,145	50
Bladen TI	18,112	9,056	40,757	18,112		86,037	50
Blue Ridge TI	22,911	11,455	51,554	22,911		108,831	48
Caldwell CC & TI	19,805	9,902	44,565	19,805	7,415	101,492	50
Cape Fear TI	38,460	19,230	86,544	38,460		182,694	45
Carteret TI	14,099	7,050	31,726	14,099		66,974	48
Catawba Valley TI	26,339	13,170	59,269	26,339	9,862	134,979	45
Central Carolina TI	13,746	6,873	30,932	13,746		65,297	50
Central Piedmont CC	127,559	63,779	287,036	127,559		605,933	45
Cleveland County TI	27,757	13,878	62,459	27,757	10,398	142,249	50
Coastal Carolina CC	53,444	26,722	120,260	53,444		253,870	50
College of Albemarle	14,195	7,097	31,942	14,195		67,429	52
Craven CC	32,070	16,035	72,164	32,070		152,339	55
Davidson County CC	30,976	15,488	69,703	30,976		147,143	48
Durham TI	58,719	29,360	132,132	58,719		278,930	48
Edgecombe TI	32,860	16,430	73,942	32,860	12,304	168,396	52
Fayetteville TI	117,926	58,963	265,360	117,926		560,175	52
Forsyth TI	79,032	39,516	177,841	79,032		375,421	48
Gaston College	46,571	23,286	104,796	46,571	17,437	238,661	48
Gulford TI	96,926	48,463	218,106	96,926		460,421	45
Halifax CC	37,248	18,624	83,816	37,248	13,946	190,882	50
Haywood TI	16,770	8,385	37,735	16,770	6,279	85,939	50
Isothermal CC	18,247	9,123	41,059	18,247	6,932	93,508	50
James Sprunt Inst.	23,901	11,950	53,792	23,901		113,534	52
Johnston TI	34,602	17,301	77,862	34,602		164,367	55
Lenoir CC	32,269	16,135	72,613	32,269		153,286	50
Martin	15,287	7,643	34,398	15,287		72,615	48
Mayland TI	23,759	11,879	53,462	23,759	8,896	121,755	52
McDowell TI	12,127	6,063	27,288	12,127	4,541	62,146	50
Mitchell CC	24,772	12,386	55,742	24,772	9,275	126,947	50
Montgomery TI	9,120	4,560	20,523	9,120	3,415	46,738	48
Nash TI	35,745	17,873	80,435	35,745		169,798	50
Pamlico TI	5,487	2,743	12,347	5,487		26,064	55
Piedmont TI	12,898	6,449	29,024	12,898		61,269	45
Pitt TI	50,004	25,002	112,520	50,004		237,530	50
Randolph TI	24,444	12,222	55,004	24,444		116,114	50
Richmond TI	20,113	10,057	45,260	20,113	7,531	103,074	55
Roanoke-Chowan TI	14,755	7,378	33,202	14,755		70,090	52
Robeson TI	61,436	30,718	138,245	61,436	22,993	314,833	55
Rockingham CC	25,717	12,859	57,870	25,717	9,629	131,792	48
Rowan TI	29,278	14,639	65,883	29,278		139,078	48
Sampson TI	28,904	14,452	65,041	28,904		137,301	55
Sandhills CC	20,000	10,000	45,005	20,000	7,489	102,494	50
Southeastern CC	29,892	14,946	67,264	29,892		141,994	55
Southwestern TI	13,117	6,558	29,516	13,117		62,308	55
Stanly TI	13,715	6,858	30,863	13,715	5,135	70,286	50
Surry CC	20,484	10,242	46,093	20,484		97,303	50
T. I. of Alamance	28,919	14,460	65,075	28,919		137,373	50
Tri-County TI	15,277	7,639	34,377	15,277	5,720	78,290	52
Vance-Granville	36,409	18,205	81,929	36,409		172,952	55
Wake TI	98,283	49,141	221,158	98,283		466,865	50
Wayne CC	47,076	23,538	105,932	47,076		223,622	52
Western Piedmont CC	19,993	9,996	44,989	19,993	7,486	102,456	50
Wilkes CC	23,701	11,851	53,333	23,701		112,586	52
Wilson County TI	31,544	15,772	70,981	31,544		149,841	52
TOTAL	1,918,496	959,248	4,317,050	1,918,496	197,594	9,310,884	

*20 percent of these funds must be used for Guidance and Counseling.

**Applies to Disadvantaged, Handicapped, Subpart 2 and Subpart 3 only. Subpart 4 is 100% federally funded.

ACTUAL DISTRIBUTION OF FEDERAL VOCATIONAL
EDUCATION AND REQUIRED MATCHING FUND BY PURPOSE

TABLE: 11 cont'd

1977-78

POST SECONDARY AND ADULT

	Disad- vantage	Handicapped	Subpart 2	Subpart 3	Subpart 4	Total
Anson TI	15,476	7,738	34,824	12,622		70,660
Asheville-Buncombe TI	59,460	29,730	133,800	48,495	20,915	292,400
Beaufort County TI	22,400	11,200	50,404	18,268		102,272
Bladen TI	19,142	9,571	43,072	15,611		87,396
Blue Ridge TI	24,232	12,116	54,528	19,763		110,639
Caldwell CC & TI	20,974	10,487	47,196	17,106	7,378	103,141
Cape Fear TI	40,726	20,363	91,644	33,216		185,949
Carteret TI	14,866	7,433	33,450	12,124		67,873
Catawba Valley TI	27,898	13,949	62,776	22,752	9,818	137,193
Central Carolina TI	14,662	7,331	32,992	11,958		66,943
Central Piedmont CC	135,416	67,708	304,714	110,443		618,281
Cleveland County TI	29,526	14,763	66,440	24,082	10,349	145,160
Coastal Carolina CC	56,814	28,407	127,842	46,336		259,399
College of Albemarle	15,068	7,534	33,908	12,290		68,800
Craven CC	34,006	17,003	76,522	27,735		155,266
Davidson County CC	32,784	16,392	73,772	26,739		149,687
Durham TI	62,312	31,156	140,214	50,820		284,502
Edgecombe TI	34,822	17,411	78,356	28,400	12,258	171,247
Fayetteville TI	125,234	62,617	281,804	102,139		571,794
Forsyth TI	83,896	41,948	188,786	68,424		383,054
Gaston College	49,482	24,741	111,346	40,357	17,354	243,280
Guilford TI	102,832	51,416	231,400	83,870		469,518
Halifax CC	39,504	19,752	88,894	32,220	13,891	194,261
Haywood TI	17,716	8,858	39,864	14,449	6,257	87,144
Isothermal CC	19,752	9,876	44,448	16,110	6,808	96,994
James Sprunt Inst.	25,454	12,727	57,278	20,760		116,219
Johnston TI	36,654	18,327	82,478	29,894		167,353
Lenoir CC	34,210	17,105	76,980	27,901		156,196
Martin CC	16,290	8,145	36,658	13,286		74,379
Mayland TI	25,250	12,625	56,818	20,594	8,854	124,141
McDowell TI	12,828	6,414	28,868	10,463	4,525	63,098
Mitchell CC	26,268	13,134	59,110	21,424	9,228	129,164
Montgomery TI	9,774	4,887	21,994	7,972	3,424	48,051
Nash TI	37,876	18,938	85,228	30,891		172,933
Pamlico TI	5,906	2,953	13,288	4,816		26,963
Piedmont TI	13,644	6,822	30,700	11,127		62,293
Pitt TI	53,148	26,574	119,594	43,347		242,663
Randolph TI	25,862	12,931	58,194	21,092		118,079
Richmond TI	21,382	10,691	48,112	17,438	7,496	105,119
Roanoke-Chowan TI	15,680	7,840	35,282	12,788		71,590
Robeson TI	65,162	32,581	146,630	53,146	22,902	320,421
Rockingham CC	27,286	13,643	61,402	22,255	9,582	134,168
Rowan TI	31,156	15,578	70,108	25,410		142,252
Sampson TI	30,748	15,374	69,190	25,078		140,390
Sandhills CC	21,178	10,589	47,654	17,272	7,457	104,150
Southeastern CC	31,766	15,883	71,482	25,908		145,039
Southwestern TI	13,846	6,923	31,158	11,293		63,220
Stanly TI	14,458	7,229	32,534	11,792	5,116	71,129
Surry CC	21,788	10,894	49,030	17,771		99,483
T. I. of Alamance	30,748	15,374	69,190	25,078		140,390
Tri-County TI	16,290	8,145	36,658	13,286	5,686	80,065
Vance-Granville CC	38,690	19,345	87,062	31,555		176,652
Wake TI	104,260	52,130	234,606	85,033		476,029
Wayne CC	49,890	24,945	112,264	40,690		227,789
Western Piedmont CC	21,178	10,589	47,654	17,272	7,457	104,150
Wilkes CC	25,250	12,625	56,818	20,594		115,287
Wilson County TI	33,396	16,698	75,148	27,245		152,487
TOTAL	2,036,316	1,018,158	4,582,166	1,660,800	196,755	9,494,195

SUMMARY OF EVALUATIONS

(Secondary)

INTRODUCTION

North Carolina does not, at present, have, in place, a comprehensive evaluation system for vocational education. However, development is underway for such a system. Portions of the evaluation system are being field-tested during the Spring of 1979 for implementation during the school year 1979-80.

Fortunately for North Carolina, the major task in implementing a comprehensive evaluation system is not one of complete design and implementation but one of interfacing, coordinating, and merging existing data collection systems already operational. For instance, the State Agency routinely generates potentially useful evaluative data through its Competency Testing program, its MIS Division, and its process for State Accreditation. More specific to vocational education, the State Agency routinely generates evaluative data through its Administrative Review System, its Student Enrollment Data System, its Program Review System, and its program for proficiency testing of vocational education students. Additionally, evaluative data are available from such diverse sources as teacher certification, the Professional Personnel Activity Report, and the SACVE.

However, the data sources mentioned do not comprise a comprehensive evaluation system for vocational education. As a whole the various systems suffer from duplication of effort and inconsistencies of time frame and level of data collection. In addition, the data are never synthesized and analyzed by a single entity concerned with the overall evaluation of vocational education programs.

OVERVIEW OF THE SYSTEM

The North Carolina evaluation system, currently in the developmental stages, builds on and integrates existing evaluation and data collection activities into a cohesive information system. The system, based on individual records of students and teachers, will incorporate student characteristics and in-school experiences, student achievement and follow-up information. This information will be supplemented by program reviews.

Purpose of Evaluation

Evaluation is intended to document programs' short- and long-term effects on students' occupational experience. This information will be used as a basis for program improvement and for accountability.

Description

The North Carolina evaluation system is described below in terms of each of its components: student enrollment, teacher data, student competency assessment, follow-up, program review, and administrative review.

Student Enrollment Component

The student enrollment component will consist of a cumulative record for secondary students from the time they enter a program until the time of exit. The individual student records will contain information on student characteristics, course enrollment, teachers they were assigned to, and competency levels for each course completed. The record will be updated each year until a student exits. At exit, each record will be completed by the school, to show the reason for leaving and the most current mailing address. The individual file will then be removed from current enrollments and placed in a former student follow-up file.

Teacher Data Component

Teacher information will be collected on an individual record basis and include education, experience, in-service training, and program assignment. The teacher's social security number will be used to provide linkage between student enrollment files and the instructional staff files, so that each teacher may be traced to all his or her current or former students. This information will be updated annually, as each teacher completes a new form at the beginning of the academic year.

Student Competency Assessment Component

North Carolina's State Department of Public Instruction (SDPI) has put forth an intensive effort to develop a system for evaluating student achievement. Tests for many occupational areas have been developed by SDPI staff to test student competency levels, both during the course of their education and at the time of exit. As noted, a score for each course completed will be added to the student's individual cumulative records. A final competency test score and teacher assessment of work readiness will also be added to the individual cumulative files for every student completing the program. Testing procedures will be carried out by instructors and other school staff.

Follow-up Survey Component

The first year follow-up survey will be based on all "program leavers" and all "program completers." The surveys, conducted one year after student exit, will request that former students provide information on employment and identify employers. Fifty percent of employers will then be surveyed. A fifty percent sub-sample of leavers and completers will be contacted again after three and five years of program exit. Responses to each survey will be recorded on the individual student records. When the fifth year follow-up has been completed, a complete history of each student in the sample will be available on individual records, including in-school course

enrollment, competency scores, and a longitudinal report on employment experience. These files will be maintained in a central State MIS system. It is therefore possible to develop a district profile by program and by school to indicate the students' occupational records in a detailed way.

Program/Administrative Review Component

The program review, conducted on a five-year cycle, is intended to expand on the statistical profiles and self-study findings to clarify the total picture of program operations. Prior to the actual review, districts and the SDPI staff will have access to a district profile which will indicate, on the basis of student enrollment, student achievement, and follow-up data, the relative effectiveness of programs in preparing people for the world of work. The review focuses on program objectives, staff, curriculum, facilities and equipment, administration, counseling and placement services, and council input. The evaluation includes a locally conducted program self-study and the SDPI-based on-site team review.

Uses of Information

Student enrollment and instructional staff records will be used to provide the SDPI and LEA's with a statistical overview of program effectiveness in each occupational area, including students' competency levels and post-program experiences. Program review findings from both the self-study and the on-site visit, will be discussed by the LEA and SDPI and provide the basis for deciding what corrective action (if any) is needed by either the district or the SDPI to strengthen program weaknesses.

Schedule of Implementation

This section provides overall projections for the development and installation of the Vocational Education Statewide Evaluation System. Because of limited staff and financial resources, and because of peculiarities inherent to the installation of the System itself, installation will occur in a logical

series of phases. Installation will begin in school year 1978-79 with projections for the entire System to be operational during school year 1980-81. Table 1 graphically displays the overall calendar for implementation.

By design, the Student Enrollment and Teacher Data Components must be operational before the Follow-Up Component can be installed. Even so, the Follow-Up Component, because of the requirement to follow-up the one, three, and five-year populations, will require a five-year period for complete installation. The Program Review and Administrative Review Components, though involving the greatest number of staff members at the State level, are rather straightforward in design and should be operational during school year 1979-80. More detailed installation calendars for each component are being developed as planning progresses.

Table 1. Schedule Of Implementation For Each Component Of The Vocational Education Statewide Evaluation System.

	1977-78	1978-79	1979-80	1980-81
Student Enrollment	Plan	Field-Test	Operate	→
Teacher Data	Plan	Field-Test	Operate	→
Follow-Up	Plan	Plan	Field-Test	Operate
Competency Assessment	Plan	Field-Test	Field-Test	Operate
Program Review	Plan	Field-Test	Operate	→
Administrative Review	Plan	Field-Test	Operate	→

Summary of Secondary Curriculum Activities FY78

An overall and continuing purpose of the Division of Vocational Education State Department of Public Instruction is to assure that students exiting from Vocational Education programs in North Carolina have exit competencies commensurate with identifiable job skills and knowledge and transportable geographically within and without the state.

A more specific and continuing goal of the curriculum activities undertaken by the Division during FY78 was to assure that curriculum content and experiences, instructional resources and student assessment are appropriate for diverse student characteristics, are bias free and are based on valid competency statements for each program sequence in the eight vocational education program areas. To accomplish this goal staff members in the Division have assumed a leadership role in the development and delivery of curriculum information materials and services to local administrative and instructional personnel.

The Field Services section of the Division of Vocational Education has primary responsibility for the development and diffusion of vocational education curricula for secondary school programs, grades 7-12.

The curriculum activities described below were accomplished under the direction of program area content specialists and through the leadership and coordination of a special service unit; i.e., the Curriculum Design Unit. Selected curriculum materials were developed using advisory committees (consisting of local teachers, teacher educators, post-secondary instructors consultants from business and industry, and employer/employee representatives from selected trade associations, specially trained teachers, content specialists and contracted curriculum writers. FY78 curriculum efforts also included the expertise and technical assistance of research specialists from the Occupational Research Unit for specific development and diffusion activities.

Priorities for curriculum activities are determined by each of the eight program areas and the Division's administrative planning group. Working from the priorities established, curricular activities were initiated and/or completed of several types including:

Major Tasks Identified for FY78		Completion Date	Continuing	Recycling Date
1. Solicit additional feedback from LD/P, teacher educators as to content of Vocational Education Program of Studies			✓	
2. Rewrite interpretative sections of Program of Studies		7/1/77		
3. Revise all course descriptions for consistency of types of content		7/1/77		
4. Revise supplemental section of Program of Studies		7/1/77		
5. Prepare final copy of V.E. Program of Studies		7/1/77		FY80
6. Distribute and interpret Program of Studies to teachers, teacher educators, LD/P, and other appropriate administrators		8/1/77		FY80
7. Establish procedure and form(s) for requesting approval to modify a local scope and sequence		6/1/77		FY80

Major Tasks Identified for FY78		Completion Date	Continuing	Recycling Date
8.	Establish detailed outlines for Program Planning Guides in each program area	9/30/77		
9.	Prepare Program Planning Guides for each program area	6/1/78		
10.	Distribute and interpret Program Area Planning Guides	8/15/78	✓	FY82
11.	Establish procedure for the development of curriculum materials for any course in the scope and sequence	2/30/77		FY80
12.	Establish procedure for the revision of materials for any course in the scope and sequence	9/30/77		FY80
13.	Prepare document outlining the procedure for development/revision of the curriculum content for courses and course sequence	3/30/78		FY80
14.	Interpret curriculum development/revision procedure		✓	
15.	Establish and maintain process for the continuous search, location, screening and cataloguing of instructional and evaluative materials for all courses in the scope and sequence		✓	
16.	For each course in the scope and sequence, conduct national survey from which to secure a composite listing and/or actual materials for each of the following: . listings of competencies/performance objectives . curriculum guides . individualized student materials . evaluation instruments and procedures		✓	
17.	For each course in the scope and sequence, solicit from all teachers in the state, copies of tests and test items		✓	
18.	Establish criteria for critiquing and retaining test items in a bank of tests and test items for each course	3/30/78		FY80
19.	Establish criteria and process for determining priorities for curriculum development/revision	7/1/78		FY80
20.	Using the established priorities, implement curriculum development/revision procedure in identified courses: . determine where development/revision needs to coincide with post-secondary development . determine job titles for which the curriculum is preparing students . identify competencies/task listings . submit competency listings for verification . write performance objectives for each competency in the verified list . develop/secure learning experiences for all performance objectives . identify student learning materials and/or sources of same	*8/15/77 *8/1/78 **5/1/78 **6/30/78	✓ ✓ ✓ ✓	FY82
21.	Establish comparative cost estimates for alternate development/revision procedures		✓	
22.	For all courses in the scope and sequence the following is to occur: a. Prepare initial competency listing b. Submit listings for verification to: -secondary teachers -post-secondary instructors (where applicable) -teacher educators -representative sample of incumbent workers and practitioners c. Revise competency listings as necessary to result in a verified listing of core and supplemental competencies d. Make decisions as to which competencies in listing (after previous step) are to be "Core" competencies and which "Supplemental"	*7/1/77 * 8/15/77 12/1/78 12/1/77 *4/1/78 *5/1/78 *5/1/78	✓ ✓ ✓ ✓ ✓ ✓ ✓	FY81 FY81 FY81 FY81 FY81

Major Tasks Identified for FY78

	Completion Date	Continuing	Recycling Date
e. Sequence core competencies for instructional and learning purposes	*5/1/78	✓	FY81
f. Secure and screen student assessment measures from all available sources for content validity, freedom from bias and psychometric suitability	*5/15/78	✓	FY81
g. Select (and/or develop) a series of student assessment measures for each competency in the listing	*6/1/78	✓	FY81
h. Organize measures into a bank for each program (i.e., course or course sequence) with each series of measures keyed to competencies and providing appropriate instructions for administering, determining proficiency levels and reporting individual student achievement	*6/1/78	✓	FY81
i. Secure and screen curriculum guides/units of instruction from all available sources for suitability of use in N.C. programs.	*5/6/30/78	✓	FY81
j. Adopt or adapt or develop curriculum guides/units of instruction for each program (i.e., course or course sequence)	*5/6/30/78	✓	FY81
k. Distribute and interpret competency listings, evaluation banks, and curriculum units to all teachers and administrators	*8/15/78	✓	FY81

(*) Tasks have been completed for all courses in the following list.

(*s) Task completed for selected courses in this list.

Pre-Vocational

Occupational Exploration

Introduction to Vocational Education

Agriculture

Fundamentals of Agriculture

Agriculture Production

Agricultural Mechanics

Ornamental Horticulture

Business and Office

Introduction to Business

Typing

Shorthand

Business Math

Accounting

Office Occupations

Distributive Education

Careers in Distribution

Marketing

Coop. Distributive Education

Fashion Merchandising

Health Occupations

Introduction to Health Occup. Education

Health Occupations Education

Home Economics

Personal/Family Living Skills

Advanced Consumer and Homemaking

Family Life Education

Advanced Child Development

Teacher Aide/Child Care Services

Advanced Foods/Nutrition

Food Services

Industrial Arts

Wood Technology

Technical Drawing and Planning

Trade and Industrial

Industrial Cooperative Training

Auto Mechanics

Masonry

Carpentry

Technical Drafting

Electricity

Graphics and Industrial Communications

Welding

NOTE: With respect to items #20 and #22, those tasks "✓" in the "Continuing" column are being continued for the remaining programs in the North Carolina vocational education scope and sequence chart.

Additional areas assuming priority for curriculum activities during FY78 were:

- a. The refinement and specification of procedures for the model and process of vocational curriculum planning, development and delivery.
- b. The establishment of a Curriculum Coordinating Committee with appropriate cross representation to initiate, facilitate and monitor Vocational Education curriculum activities.
- c. The identification and/or provision of supplementary and supportive instructional materials for use by teachers and students as "back-up" for curriculum and planning guides.
- d. The continuation of activities designed to make vocational materials more available to local personnel through stocking of regional dissemination centers for vocational curriculum materials and the provision of secondary curriculum materials to vocational education teacher education institutions.
- e. The review of curricula and curriculum guides for selected skill areas.
- f. The continuation of curriculum planning and diffusion workshops for vocational teachers and local curriculum specialists.
- g. The continuing attempt to systematically identify, locate, review, access and avoid duplication of curriculum materials developed by other sources both in and out of state.

SUMMARY OF EVALUATION POST-SECONDARY AND ADULT

The North Carolina Community College System since its inception in 1963 has considered the concept of evaluation as a vital component for insuring quality education in the programs offered by the 57 institutions. To reflect this, in 1966 the State Board of Education mandated to the Community College Advisory Council the development of Standards and Evaluative Criteria for the purpose of designing an instrument that could be utilized to evaluate and assess the quality of the 57 institutions. Also the State Board of Education established the Division of Institutional Evaluation at the state level and appointed a director to coordinate all evaluation and accreditation activities for the Community College System. The developed document provides eight standards that are used to evaluate institutional responsibility. Since 1969, these Standards and Evaluative Criteria have been used extensively by institutions as guidelines for institutional operation and development. Also this document is used by the institutions in conducting self-studies for accreditation by the North Carolina State Board of Education and the Southern Association of Colleges and Schools. To date, 56 of the 57 institutions have achieved both state and southern association accreditation. By 1980, the 57th institution is expected to have completed initial accreditations.

Standard III of the Standards and Evaluative Criteria document addresses educational programs. This section includes college transfer, technical, and vocational programs. There are more than 200 criteria within this section which is divided into three distinct areas: curriculum, admissions, and instruction. This section of the Standards and Evaluative Criteria document is used primarily in program evaluation, both in a formal and informal manner by the 57 institutions.

In 1976 the Program Development Division of the Department of Community Colleges prepared a competency based curriculum project to develop competencies for the vocational and technical curriculums offered in the system. This project was developed in response to concerns that curricula in the system provide:

1. A quality of instruction which makes it possible for individuals completing a curriculum or phase of a curriculum to be prepared for employment;
2. Articulation between secondary and post-secondary vocational-technical curriculums;
3. Involvement of employers, employees and educators in curriculum development; and
4. Assurance that curricula are up-to-date in accordance with current job technology requirements.

In response to these concerns the project is designed to provide (1) a validated list of career (job) opportunities for which each curriculum provides training and education; (2) the tasks performed by employees in each job; (3) a list of competencies and evaluative criteria essential to successfully perform in the job; (4) curriculum guidelines; and (5) curriculum materials bases on the competencies. These tasks, competencies and guidelines will be utilized to develop curricula with multi-entry, multi-exit levels that are based on job requirements and provide for upward mobility of students.

Currently, the Division of Institutional Evaluation is developing an evaluation instrument which can be utilized in evaluating all programs currently being offered in the Community College System. Performance indicators and criteria will be identified for the purpose of data collection. This model reflects the criteria specified in the federal register for compliance with HEW for funds received for vocational programs. It is anticipated that this project will be completed by August of 1979.

Within the post-secondary system there are 57 institutions of which 21 are designated as community colleges and 36 are technical institutes. The only distinguishing difference between the designation of an institution is that the community colleges also offer the two-year college transfer program. All institutions offer vocational, technical and adult programs.

The number of students enrolled is shown in Table 1. At the end of Table 1 is a further breakdown in enrollment for special groups. There are 89 vocational curriculums offered with a frequency rate of 591 and there are 133 technical programs offered with a frequency rate of 811. We do not have a count of the number of adult vocational courses which are offered each year. Within the system there are 1,639 classrooms and 1,420 shops and laboratories to support the instruction provided.

All institutions are now located on permanent campuses. Some of the first buildings that were built date back to 1959. Most institutions are located in facilities that were constructed since 1963. A few institutions are located on sites that had existing buildings which were built prior to 1959 (the data that the first Industrial Education Centers were started and have evolved into the post-secondary system).

Some equipment is World War II surplus equipment. The equipment budget over the years has provided for the expansion of equipment and library books. There is still a need to up-date and replace equipment which has become obsolete.

The information gained from the accreditation visit has been used to improve the administration and programming within each institution. Additional evaluation is being planned to provide more information upon which decisions can be made to improve vocational education.

RECOMMENDATIONS OF THE STATE ADVISORY COUNCIL
ON VOCATIONAL EDUCATION

1. REFORM THE METHOD OF FUNDING VOCATIONAL EDUCATION

Secondary

On May 5, 1977, the State Board of Education adopted a formula for the equitable distribution of state months of employment based on a student teacher ratio of 1 teacher per 95 students in grades 7 through 12 in the public schools of North Carolina. The formula was to be implemented by requesting of the legislature each of the next 6 years, (1978-1983), 16.67% of the total need determined by application of the formula. Requests have been made of the legislature based upon full formula funding of the state portion of vocational education needs over the 6 year period. This is a long range goal of the Board. After the achievement of this goal, the State Board will seek to systematically take over the total support of the positions funded by the state and provide \$45 per ADM in grades 7-12 for the purchase of equipment, supplies, etc.

With the new state law and its declared intent, the Board feels that it is progressing toward the goal set forth in the law at a rate which can logically be expected to be available. This goal has been reaffirmed in the State Board of Education Master Plan for Vocational Education.

During budget deliberations, the State Board and the Joint Appropriations Committee of the legislature were informed of the total estimated cost to implement the full package immediately. Within the resources available, the Board feels that the program which has been outlined over a long range period of time will more nearly meet the needs of North Carolina and its ability to fund.

At the March 1, 1979 meeting of the State Board, the Board adopted a conceptual direction for full funding (one to 95 ratio of teachers to students, \$45/ADM, 100% funding of all MOE) which reads as follows:

"While full funding continues to be an ideal goal, a push for implementation of such at this time may not be practical because of the uncertainty of the impact on local education agencies. Most LEAs will need lead time to plan and design activities, and, in some cases, build or renovate facilities to accommodate the new and expanded programs which would be mandated by full funding. Likewise, the uncertainty of how LEAs would use local funds previously required for matching purposes is another matter which needs to be studied.

A more logical approach might be for the State Board to project a time frame for the completion of full funding and to secure some type of concurrence with the General Assembly. State staff, using this as a guide, can then work with local education agencies for the efficient utilization of all resources available to them. As a general rule, local education agencies are unable to handle tremendous sums of categorical resources without appropriate planning time. The sufficiency of the \$45 per ADM for instructional supplies and materials needs to be analyzed in relationship to inflationary spirals."

Post-Secondary

The State Advisory Council on Vocational Education has expressed a concern about the major purpose of post-secondary institutions and the funding of the programs. In General Statute 115A-1, a portion of this section reads:

The major purpose of each and every institution . . . shall be and continue to be the offering of vocational and technical education and training . . .

The State Advisory Council's recommendation for a higher rate of funding for vocational and technical education was based upon their interpretation and emphasis on "The major purpose of each and every institution" as stated in the legislation. Legislative history will show the intent of the Legislature in this section of the Act. The original Act passed in 1963 stated that the institutions may offer vocational and technical education. Subsequently, an amendment by the Legislature changed the Act to read - the institutions shall offer vocational and technical education. It is within this context that the post-secondary must offer vocational and technical education and not to emphasize the funding for these programs.

Advice and counsel has been provided to the State Board of Education by the Community College Advisory Council and the President's Association concerning the funding of vocational and technical education. The State Board has chosen to request funding based upon previously used criteria. However, a supplemental budget request has been submitted by the State Board requesting categorical funding for selected high skill vocational programs.

The second recommendation on funding from the Council has merit. At the present time, a small part of the funds appropriated by the State to support vocational and technical programs is being siphoned off to match federal disadvantaged and handicapped program funds. This has the net effect of reducing the amount of funds available for regular programs in order to meet the required match of the federal set-aside funds. The State matching of funds for Subpart 2 and Subpart 3 purposes is not a problem, unless these funds are designated for more specific purposes than they are now designated.

The Staff of the Controller's office proposed this change to the State Budget Office during the fall of 1978, but there was no conclusive agreement from that contact. The State Board will study the advisability of requesting matching funds for categorical federal dollars.

2. REFORM THE METHOD OF CURRICULUM DEVELOPMENT FOR VOCATIONAL EDUCATION

The second recommendation of the North Carolina Advisory Council on Vocational Education calls for a "reform in the method by which vocational education curriculums are developed." More specifically, this recommendation supports the need for collaborative curriculum development as the best vehicle for effective articulation between the secondary and post-secondary levels of vocational education.

Several steps have previously been undertaken with respect to the Advisory Council's recommendation. Curriculum development activities for vocational skill development courses at the secondary level emanate from a competency-based model with student outcomes validated by recent job analyses. As curriculum efforts are initiated by consultants in the Division of Vocational Education, they solicit the participation of post-secondary program development consultants and instructors from the community colleges and technical institutes as writers, content specialists, and technical experts. (The Curriculum Handbook for Staff in the Division of Vocational Education specifies that an appropriate post-secondary representative is to be involved on each curriculum team.)

For several of the curricula developed during FY78 (example; Child Care Services and Health Occupation Education) the secondary curriculum teams participated in and used the results of State wide occupational surveys conducted by the Program Development Staff of the Department of Community Colleges as a basis for establishing curriculum outcomes.

A research project entitled "Articulation of Vocational Educational Programs Between Secondary Schools and Community Colleges/Technical Institutes" conducted jointly by Duplin County Schools and James Sprunt Institute has demonstrated how simultaneous curriculum development can be done in local communities. Collaborative efforts along the lines of the research model are even now being considered by state-level staffs.

A Final Report on the project was disseminated to all Secondary Superintendents and the Presidents of 57 Post-Secondary Institutions. A policy and procedure manual for Articulation which resulted from the project is to be disseminated and interpreted to local secondary and post-secondary personnel in regional meetings during the fall of 1979. Plans have been made for the simultaneous development of curriculum materials which will ultimately serve both levels of institutions. Thus, secondary and post-secondary curriculum specialists will be jointly involved in the merging of three separate but overlapping curriculum guides into a single core competency continuum. Business and Office Occupations and Auto Mechanics are the first of the vocational areas to be treated in this manner. It is anticipated that all other pertinent instructional areas will be handled in this manner in succeeding curriculum efforts.

Collaborative efforts such as described above have the vocal support of the state's educational leaders. Specifically Dr. Ben E. Fountain, then State President of the Department of Community Colleges, and Dr. A. Craig Phillips, State Superintendent of Public Instruction, have voiced support for this concept.

In a joint interview for the television program aired for The Council's 1978 Vocational Education FORUM, Dr. Fountain and Dr. Phillips said:

Interviewer: *I've heard a lot about the James Sprunt Project but usually, the name is mentioned and no specifics. Can you capsule that for us?*

Fountain: *Specifically, it means that the public school teachers and the community college or the technical institute instructors have worked together to plan educational programs in vocational areas - automotive mechanics and so on - so that a student can move right through a high school program into a technical institute program without missing a step or repeating material. And this ideally is the way it should be throughout the system, and we are moving in that direction.*

Interviewer: *Is there a likelihood that this will spread rather rapidly through the system?*

Phillips: *I think it will. And you know one other thing we ought to mention, Ben, as a part of that relationship is the beginning of more and more opportunities for shared faculty and shared facilities with a clear understanding of the distinctive role of each institution. then that business we started out talking about, articulation, that fitting together, can take place effectively.*

In addition, on February 26, 1979 the leaders of the two departments (Dr. Phillips and Dr. Holloman) appointed a state wide committee for the "Joint Department Dissemination of the Curriculum Articulation Model in Occupational Education." This Committee with state and local representation from both levels of vocational instruction is already at work designing means to facilitate local articulation of programs which will allow "students to move with continuity and without hindrance through levels of the educational process." Members of this committee and other educational and legislative groups are also trying to resolve some of the interrelated articulation issues, such as shared faculties and shared facilities, upon which successful curriculum articulation will depend.

A special committee was established to examine the feasibility of dual enrollment of secondary students in post-secondary programs and vice-versa. The recommendations of this committee are currently under consideration by the State Board of Education and a favorable policy is expected.

Another activity already underway which will contribute to articulated curriculum implementation in vocational education is the cooperative planning and sponsoring of simultaneous workshops and other staff development modes for secondary vocational teachers and post-secondary instructors on the implementation of competency-based vocational programs. Through these means, instructional personnel are being prepared to capitalize fully on the articulated curriculum materials being developed for local use.

It is expected that as an outgrowth of the committee's work and the other activities described above, a viable strategy for joint state-level curriculum development and implementation will be initiated and that a model for locally-articulated programs will be diffused.

3. REFORM FOR ORGANIZATION AND CAPABILITY OF THE STATE TO PROVIDE QUALIFIED PERSONNEL FOR VOCATIONAL EDUCATION.

Secondary

Secondary vocational education is committed to the concept of providing qualified personnel for vocational education.

At its October, 1976 meeting, the State Board of Education adopted new certification requirements for all vocational personnel employed in local school systems. If a comparison were made of these new requirements with those previously adopted, it could easily be seen that the new requirements adopted stressed greater preparation in professional vocational education and general education.

In the spring of 1978, a meeting was held to discuss the needs of qualified personnel in vocational education. Representation at the meeting included secondary vocational education, post-secondary vocational education, the University of North Carolina, and the North Carolina State Advisory Council on Vocational Education. A later meeting was held in the fall of 1978 to explore further the needs of qualified personnel in vocational education. Future meetings are planned to continue to work in this area. The State Advisory Council was largely responsible for encouraging these meetings to take place.

The chairman of the State Board of Education has named a committee of the board to meet with the Board of Governors and this committee has met on several occasions to discuss the quality of personnel.

The State Board of Education adopted at its October, 1978 meeting the Quality Assurance Program for Professional Personnel. The Board of Governors of the University of North Carolina also adopted this program, thus making it a concurring resolution. At the November, 1978 State Board meeting, the chairman of the State Advisory Council called attention to the fact of the need to specifically include vocational education in the resolution and the State Board of Education did add the words (including vocational education). There are seven components in this resolution, one of which specifically speaks to vocational education and is stated, "A structure established whereby there will be a means of clarifying with institutions of higher education and with the public schools the competencies required for inclusion in professional and academic programs (including vocational education) in order to produce competent and effective teachers."

At its February, 1979 meeting, the State Board of Education adopted the report of the Teacher Examinations Committee. This report dealt primarily with the National Teacher Exam. In looking at the report, only three vocational program areas are requiring both the teaching area exam and the commons area. Those programs are Home Economics, Industrial Arts, and Vocational Business and Office Education. All vocational education should take a very strong look at the teaching area exam as well as the commons if indeed the National Teacher Exam will be a part of teacher evaluation for certification.

The State Board of Education at its March, 1979 meeting authorized a series of preliminary input hearings to be conducted in March and April, 1979 concerning the Quality Assurance Program for Professional Personnel. On April 23, 1979, at the input hearing in Charlotte, the State Advisory Council spoke to the need

of special attention for vocational personnel in the Quality Assurance Program. The Division of Vocational Education, State Department of Public Instruction, at the input hearing in Burlington on April 25, spoke on the need for vocational personnel needs to be studied carefully and involved in the plans for the Quality Assurance Program.

At the May, 1979 State Board of Education meeting, the Board called for the appointment of an ad hoc committee of educators to give advice to the State Department of Public Instruction on the Quality Assurance Program. Vocational education feels it should be a part of this ad hoc committee.

By July 1, 1980, the State Department of Public Instruction plans to have a framework developed for a Master Plan for Personnel Development in Vocational Education. It should be developed in concert with higher education both in the area of pre-service and in-service.

Post-Secondary

In the post-secondary system, a larger percentage of instructors have qualified in their specialty, have experience in business and industry, and they may or may not have completed collegiate education courses. Instructors in the areas of health, engineering technologies, trade and industrial and, to a lesser degree, business and office have entered teaching after having had experience in the field of their specialty. A few years ago, a program was developed to assist anyone who did not have a Baccalaureate Degree, to complete work within a post-secondary institution and qualify for an Associate in Applied Science Degree. State leadership in staff development is providing in-service training for instructors and administrators of the post-secondary system, and, when appropriate, to secondary personnel also. A second emphasis of this development group is to assist each institution in assessing and meeting its local staff development needs.

The State Board of Education assisted North Carolina State University in the development of a masters and doctorate program for Community College Administrators. The Board requested funding to assist Western Carolina University in the development of a program for Community College instructors.

From a study of instructor ages, it appears that there will be replacement demands of 206 in the next ten years. This does not include those instructors needed to staff new programs. We must look to the senior institutions for the instructors and administrators needed to staff the post-secondary institutions.

